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VITAL STATISTICS SUMMARY

WASHINGTON STATE

1980

CENTER FOR HEALTH STATISTICS

DIVISION OF HEALTH

DEPARTMENT OF SOCIAL AND HEALTH SERVICES

MS LL-15

OLYMPIA, WA 98504

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INTRODUCTION

In the past, the Vital Statistics annual summary has been primarily a collection of data tables. In recognition of the fact that vital events have important implications for the health status of the population and for population projections themselves, it was decided to expand the summary to include a section which will provide some interpretation of the data. However, as its name implies, the summary is not intended to provide the detailed analyses needed for planning or program evaluation purposes, but rather to provoke thought about health status issues, about uses and misuses of the data, and about questions which could or should be asked when looking at the data.

In addition to the expanded narrative section, this report contains a tabular summary of the vital events which occurred during the year of 1980.

In the interest of easy comparison, the same format of tabular presentation has been continued herein as was initiated in the 1968-69 summary.

In order to help in assessing the usefulness of this new format, readers are asked to complete and return the questionnaire included with this summary.

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VANCOUVER ISLAND
WHATCOM
Bellingham
MT SHUKSAN
MT BAKER
SKAGIT
Mt Vernon
OKANOGAN
Okanogan
Republic
FERRY
Colville
PEND OREILLE
STEVENS
Newport
Victoria
SAN JUAN ISLANDS
GLACIER PEAK
CASCADE
SNOHOMISH
Everett
CHELAN
COLUMBIA RIVER
GRAND COULEE DAM
Port Angeles
CLALLAM
Port Townsend
Olympic Natl Park
MT OLYMPUS
JEFFERSON
DOUGLAS
Wenatchee
Waterville
Davenport
LINCOLN
Spokane
SPOKANE
HOOD CANAL
PORT ORCHARD
Seattle
KING
GRAYS HARBOR
MASON
Shelton
Tacoma
KITTITAS
Ellensburg
GRANT
Ephrata
Ritzville
ADAMS
WHITMAN
Colfax
Olympia
PIERCE
MT RAINIER
Rainier Natl Park
Montesano
THURSTON
South Bend
PACIFIC
Chehalis
LEWIS
YAKIMA
Yakima
FRANKLIN
SNAKE RIVER
GARFIELD
Pomeroy
COLUMBIA
Dayton
Asotin
ASOTIN
WAHKIAKUM
Cathlamet
COWLITZ
MT ST HELENS
MT ADAMS
Kelso
SKAMANIA
Prosser
Pasco
WALLA WALLA
Walla Walla
BENTON
KLICKITAT
Goldendale
COLUMBIA RIVER
CLARK
Vancouver
Stevenson
THE SEAL OF THE STATE OF WASHINGTON
1889
STATE OF WASHINGTON

NARRATIVE

GENERAL OVERVIEW

MORALITY RATES GO DOWN, BIRTH RATES GO UP?

Washington State's death rate exhibits yearly fluctuations, but has generally declined since the late '40's, in spite of an increase in the proportion of the population aged 65 and older.

Infant, fetal, and maternal mortality rates have been decreasing since the beginning of the century. The infant mortality rate decreased from 66 infant deaths/1,000 livebirths in 1920 to 12/1,000 livebirths in 1980, while the fetal death ratio decreased from 33 fetal deaths/10,000 livebirths in 1920 to 7/10,000 livebirths in 1980. There was only one maternal death reported in 1980, down from 249 in 1920.

The birth rate may be increasing again, after reaching a minimum in 1972-3. However, large yearly fluctuations in the birth rate prevent definite conclusions from being drawn for several more years. In this respect, it may be significant that the percentage of women in the childbearing years (aged 15-44) has increased from 21.1 in 1973 to 23.8 in 1980.[a]

This combination of declining death rates and stable or increasing birth rates has obvious consequences for the state's population growth.

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[a]All population figures in this report taken from estimates made by State of Washington Office of Financial Management, Population, Enrollment, and Economic Studies Division.

BIRTH and DEATH RATES
1915-1980

WASHINGTON VITAL STATISTICS SUMMARY,
1980

INFANT and FETAL DEATH RATES
1915-1980

WASHINGTON VITAL STATISTICS SUMMARY,
1980

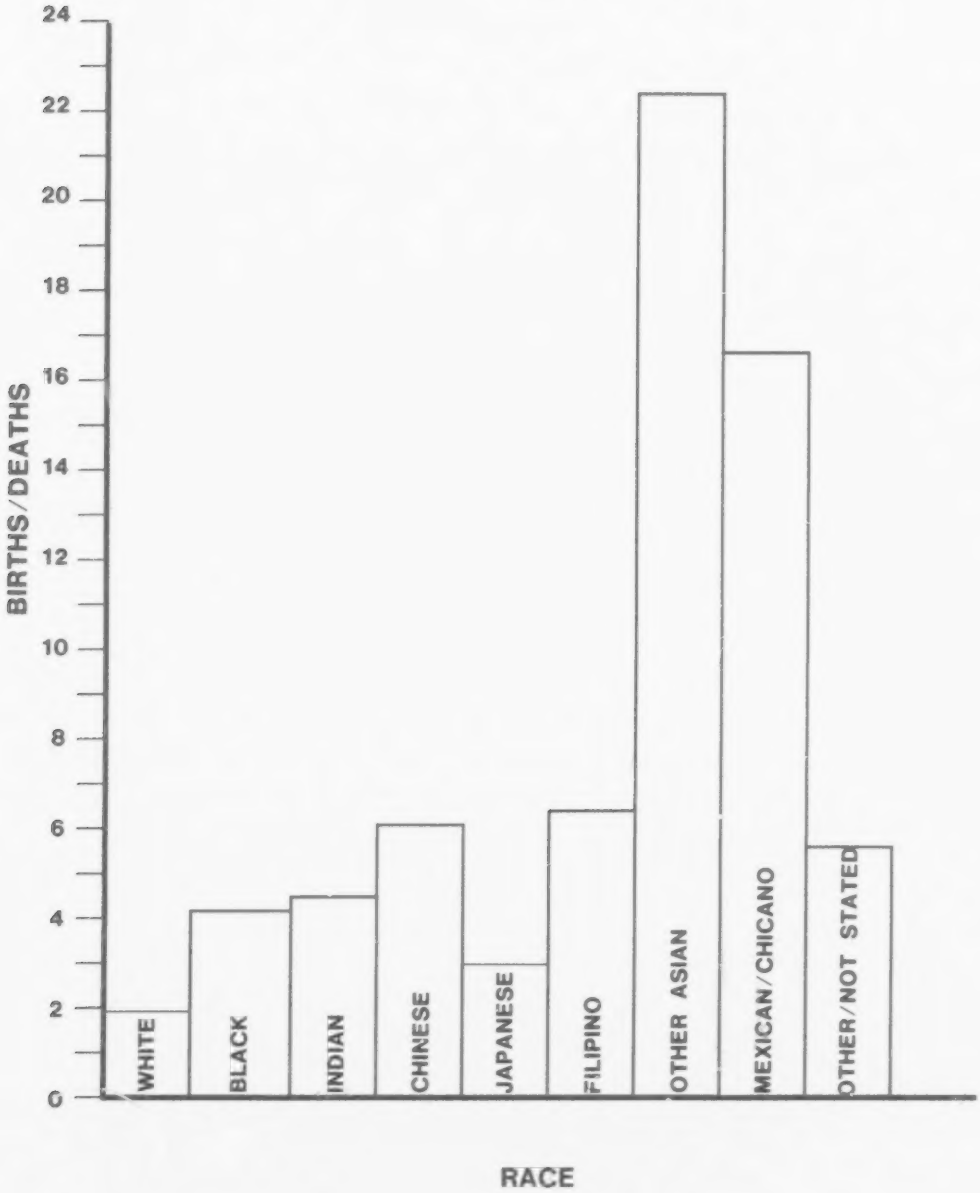
GENERAL OVERVIEW

CHANGES IN RACIAL COMPOSITION OF STATE SEEN FROM BIRTH/DEATH RATIOS

In 1980, there were 67,857 births to, and 32,012 deaths of, Washington residents, or 2.1 times as many births as deaths. The birth/death ratio depends on race, ranging from 1.9 for Whites to 22.3 for other (non-Chinese, Japanese, or Filipino) Asians, but is always higher for non-Whites than for Whites, most likely because of higher non-White birth rates. For example, the age-adjusted birth rate is 91.7 births/1,000 women for Whites and 142.8/1,000 women for Blacks.

Similar birth/death ratios were found for 1970; these may help to explain why the non-White population of the state has increased from 6.7 percent in 1970 to 8.5 percent in 1980. Based on 1980 birth/death ratios, this trend is expected to continue into the '80's. This finding is important, as non-Whites are at higher risk for certain health problems, particularly related to natality, as the next section will show.

BIRTH DEATH RATIOS



NATALITY

With respect to births, vital statistics data can assist health and family planning programs in two important areas:

1. Identifying characteristics of high-risk mothers and estimating how many there are in the state and where they are located.

2. Describing travel patterns of mothers for utilization of obstetrical services.

These data can be used to assess the general level of maternal and infant health in the state's population. This level of health will affect the need not only for obstetrical services but also for health services for infants and children with health problems related to their birth (malformations, retardation, retarded growth, etc). In addition, information on current and past pregnancies may help to improve the outcome of future pregnancies.

NON-WHITE MOTHERS ARE MORE OFTEN HIGH RISK

Certain characteristics of mothers places them at high risk for infant mortality, for complications of pregnancy, or for having a low-birthweight infant or one with malformations. For example, teenage mothers, particularly those under the age of 18, have elevated nutritional needs which can cause problems, as these needs are added to those of the growing fetus.[b] In addition, younger mothers having other than the first or second child are at higher risk due to close spacing of pregnancies and older mothers having their first child are at higher risk for certain malformations. Other risk factors are plural births, unmarried mothers, previous fetal deaths, and prenatal care begun after the first trimester of pregnancy.

For each of the four main racial groups in the state (White, Black, Indian, and Mexican/Chicano), there is in general a difference in the proportion of mothers in each of these risk categories. Except for plural births and previous fetal deaths, a higher percentage of non-White mothers is found in each risk category. Particularly noteworthy is the large proportion of unmarried Black and Indian mothers (about 40 percent) and of non-White mothers having late or no prenatal care (36-46 percent).

Non-White mothers also tend to have multiple risk factors more often. For example, 26-32 percent of the non-White mothers had two or more risk factors, as compared to 12 percent of the White mothers. With respect to the number of high-risk mothers in the state, in the four main racial groups there are 20,558 having one risk factor and 8,659 having two or more. These numbers are expected to increase if the racial makeup of the state changes along the lines suggested by the birth/death ratios.

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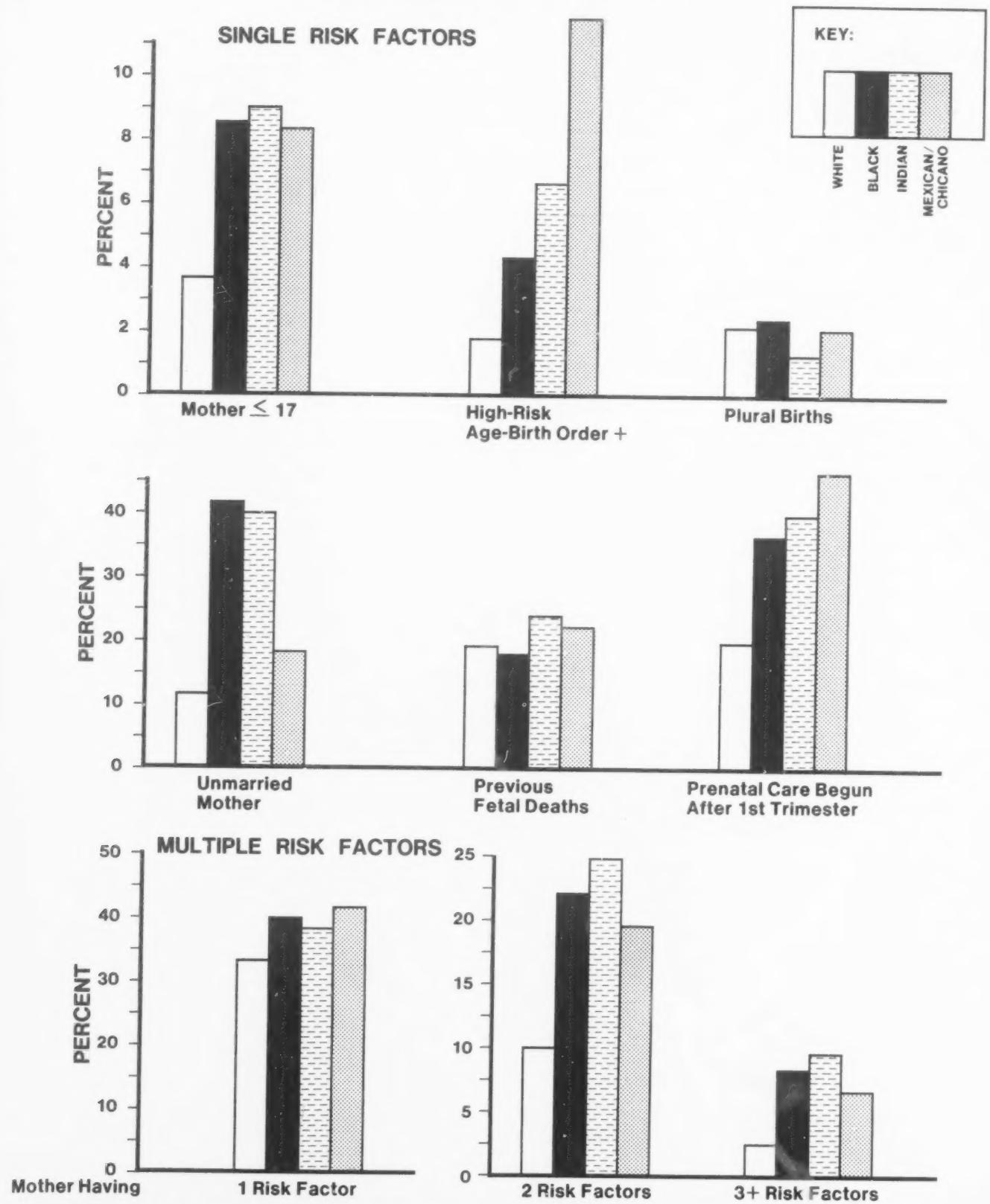
[b]S. Taffel, "Factors Associated With Low Birth Weight." Vital and Health Statistics Series 21 Number 37, DHEW Publication No. (PHS) 80-1915. National Center for Health Statistics, Hyattsville, Maryland, April 1980.

RISK FACTORS BY RACE



+ Young mothers having 2nd+ child, older mothers having 1st child, defined in detail in the appendix.

RACE IS A FACTOR IN BIRTH WEIGHT AND INFANT MORTALITY

Generally, low birthweight indicates prematurity. About five percent of the infants born in Washington State in 1980 had low birthweight ($\leq$2500 grams). Blacks had low birthweight infants nearly twice as often as other races. However, this result does not necessarily indicate that more Black infants were premature, as Blacks tend on the average to have lower birthweight babies than Whites at a given stage of development.[b]

Blacks and Indians have significantly higher infant mortality rates [$p(X^2)<.01$], particularly in the post-neonatal period. In fact, the magnitude of this racial difference is underestimated due to differences in specification of race at birth and race at death. There is a tendency for an infant to be called non-White at birth, but White at death, underestimating non-White infant mortality rates, which are generally calculated using race at death.[c] This discrepancy may explain why Mexican/Chicanos appear to have substantially lower infant mortality rates than Whites.

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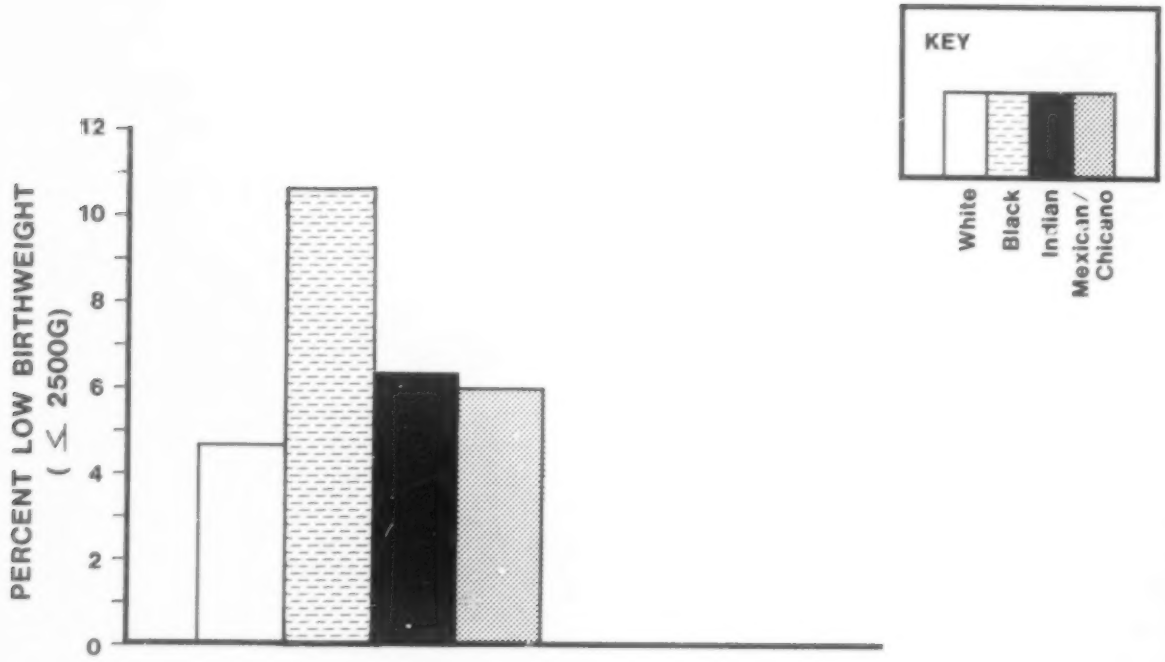
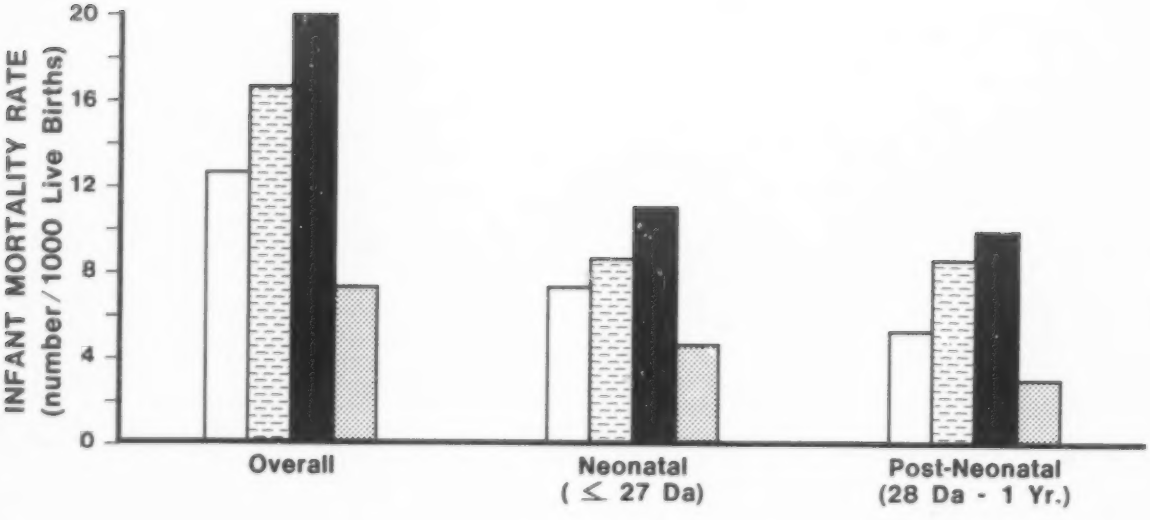
[c]F. Frost and K. K. Shy, "Racial Differences Between Linked Birth and Infant Death Records in Washington State." American Journal of Public Health, Vol. 70, No. 9, p. 974-976, 1980.

OUTCOME BY RACE





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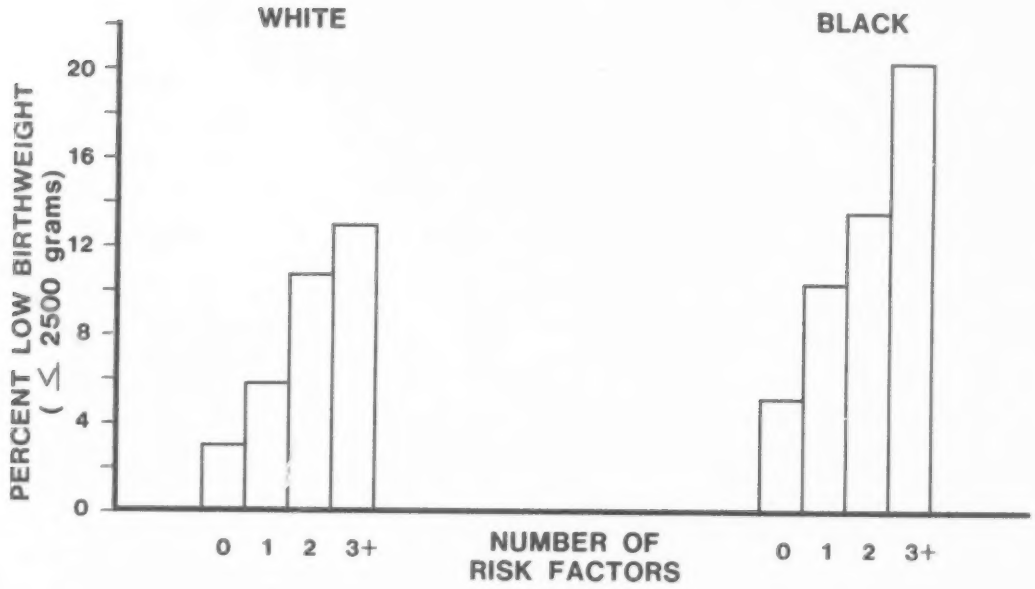
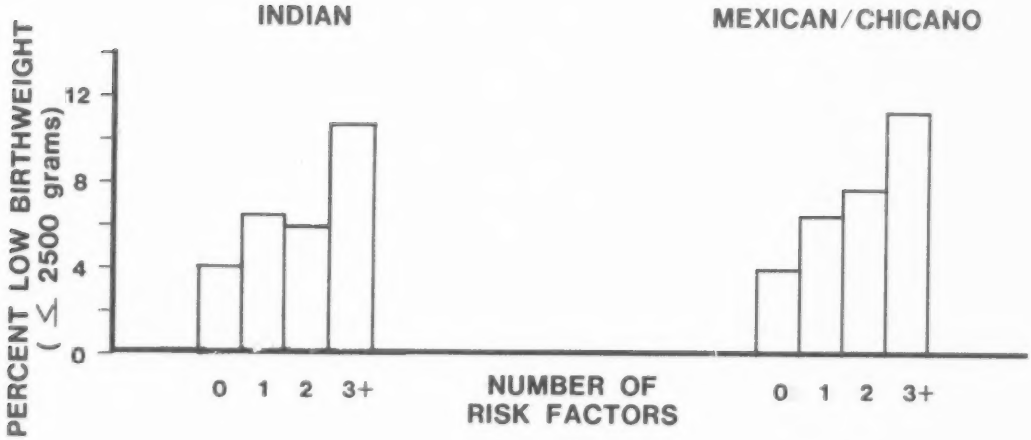
BIRTH WEIGHT IS SIGNIFICANTLY RELATED TO RISK FACTORS

For each of the four main racial groups, there is a significant relationship between the frequency of low birthweight and the number of risk categories to which the mother belongs [$p(X^2)<.01$ for all races except Indian, where $p(X^2) = .03$]. For example, 2.9 percent of babies born to White mothers belonging to no risk categories were low birthweight, as compared to 12.9 percent for White mothers belonging to three or more risk categories. This relationship is important in that all of these risk factors (with the exception of plural births) are measurable prior to delivery and so have some predictive value. However, for all races except White, the relationship is based on a small number of cases and therefore should be confirmed by being monitored over several years. In addition, the relationship between infant mortality rate and number of risk factors will be studied once linked birth-infant death data become available for 1980.

OUTCOME BY RISK FACTOR





MOTHER'S AGE GOES UP, BUT BIRTH ORDER GOES DOWN

Since 1970, the percentage of births to women in the 25-34 year age group has increased, with concomitant decreases in the younger age groups. These changes approximately parallel shifts in the age of the population, as women in the 25-34 year age group comprised 30.1 percent of women in the child-bearing years in 1970 and 37.5 percent in 1980.

At the same time, there have been changes in the birth order as well. In the early '70's there was an increase in the proportion of women having lower-order births (first or second child); little change has occurred since 1975. Combining the shift to lower-order births with the shift to older mothers leads to the conclusion that women are having their first child at an older age than at the beginning of the decade. There are two important consequences of this result.

1. If women wait until later to have a family, they will most likely have fewer babies, which will affect population growth.

2. Shifting of mothers to the 25-34 year age group and to lower birth orders puts a larger number of mothers in low-risk categories. This change may thus have the effect of lowering the state's infant mortality rates without any intervention by health services. In fact, a North Carolina study found that about 27 pecent of the decline in infant mortality during the late '60's was due to a changing age-birth order distribution.[d]

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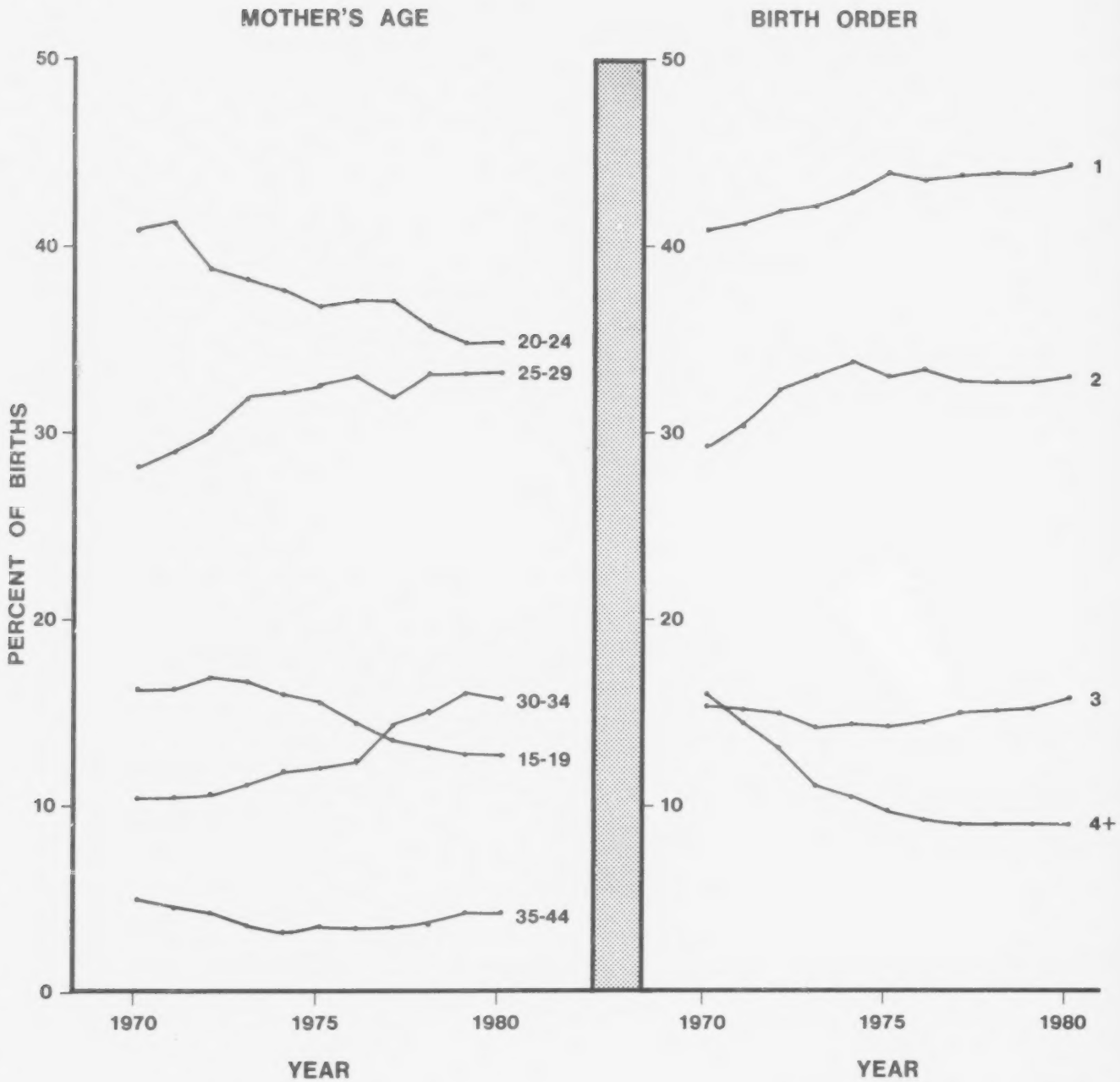
[d]N. M. Morris, J. R. Udry, and C. L. Chase, "Shifting Age-Parity Distribution of Births and the Decrease in Infant Mortality." American Journal of Public Health, Vol. 65, No. 4, p. 359-362, 1975.

CHANGING AGE-BIRTH ORDER DISTRIBUTIONS



HIGH-RISK MOTHERS ARE DISTRIBUTED THROUGHOUT THE STATE, BUT ARE POSSIBLY MORE OFTEN IN CENTRAL WASHINGTON

At the county level, the percentage of mothers having two or more risk factors ranges from a low of 4.4 in Garfield County to a high of 22.1 in Yakima County. While no geographic area of the state has a clear preponderance of high-risk mothers, the central Washington area has a somewhat higher concentration of high-risk mothers. For example, 17.1 percent of the mothers living in the Central Washington Health Systems (HSA) area had two or more risk factors, as compared to 12.7 percent for the Puget Sound HSA, 13.3 percent for the Southwest Washington HSA, and 11.4 percent for the Eastern Washington HSA [a significant difference, $p(X^2)<.01$]. Within the Eastern Washington HSA there is considerable variation from county to county, with some of the counties around (and including) Spokane having particularly small percentages of high-risk mothers.

Again, caution should be used in interpreting these results because of the small number of births in some counties, where one more high-risk mother would make a significant difference in the percentage of high-risk mothers. Examining trends at the HSA level eliminates this problem to some extent, but masks inter-county variations. The distribution of high-risk mothers should be studied in future years, combining several years of data where necessary.

DISTRIBUTION OF HIGH-RISK MOTHERS

STATE OF WASHINGTON

STATE TOTAL
67,857
133

1. NUMBER OF RESIDENT BIRTHS
2. PERCENT OF MOTHERS HAVING AT RISK FACTORS

INTER-COUNTY TRAVEL PATTERNS ARE HIGHLY VARIABLE

Inter-county travel by mothers for delivery is undoubtedly a complex function of many variables, chief among which are the availability of obstetrical services and the distribution of the population within the county. A high rate of travel is associated with counties having no hospital maternity beds (Douglas, Pacific, San Juan, Skamania, and Wahkiakum); however, for counties having maternity beds, there is no relationship between the bed/population ratio and travel rates.

Examination of major travel patterns shows that:

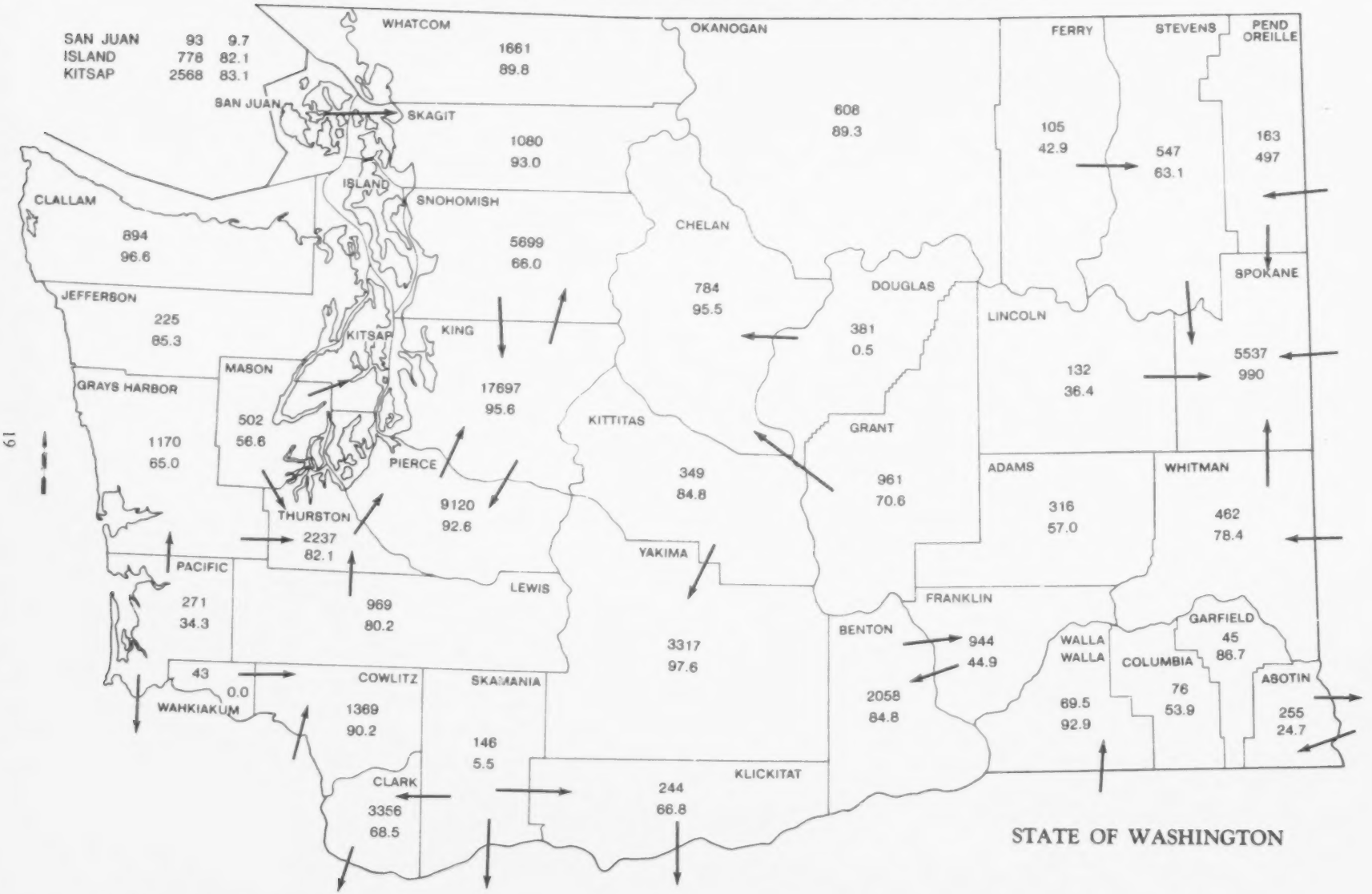
1. Spokane County provides services for all neighboring counties and Idaho.

2. In 1980, there was a net out-migration of 731 mothers to Oregon for delivery and a net in-migration of 235 mothers from Idaho, primarily to Spokane and Whitman Counties.

Studying travel patterns at the county level only begins to address the issue of migration for delivery and may be misleading in that it does not define how far and under what conditions the travel takes place. For example, it may be closer and easier to travel from Douglas to Chelan County than from Stevens to Spokane.

INTER-COUNTY MIGRATION PATTERNS

ARROWS SHOW MAJOR MIGRATION PATTERNS OF MOTHERS



1. NUMBER OF RESIDENT BIRTHS
2. PERCENT OF RESIDENT BIRTHS OCCURRING IN SAME COUNTY

MORE ANALYSIS OF NATALITY DATA NEEDED

One outgrowth of data analysis is that it often seems to raise more questions than it answers. The current analysis of birth data is no exception; among the questions raised are:

1. Is there a relationship between the number of risk factors of the mother and the infant mortality rate or the rate of birth complications? How much of Washington's decrease in infant mortality rate is due to shifts of mothers to lower-risk categories?

2. Where are the high-risk mothers located? Are there particular geographic areas of concern and do these areas have a high incidence of adverse pregnancy outcome?

3. What are travel patterns like within counties, e.g., how many mothers travel from outside a major city to inside the city for delivery? How many of these mothers are high-risk?

The answers to these questions cannot be found by using a single year of data, as the number of births in any category is too small for the results to have statistical significance. Grouping of several years of data or examination of time trends (or lack thereof) may eliminate this problem to some extent.

MORTALITY

One of the most important data items reported on the death certificate is the cause of death. Knowing what people die of provides a relative measure of the health of the state's population and is useful in epidemiological investigations. In addition, infant and fetal mortality data (particularly death rates) are crucial for the assessment of programs aimed at improving pregnancy outcome and for determining obstetrical service needs.

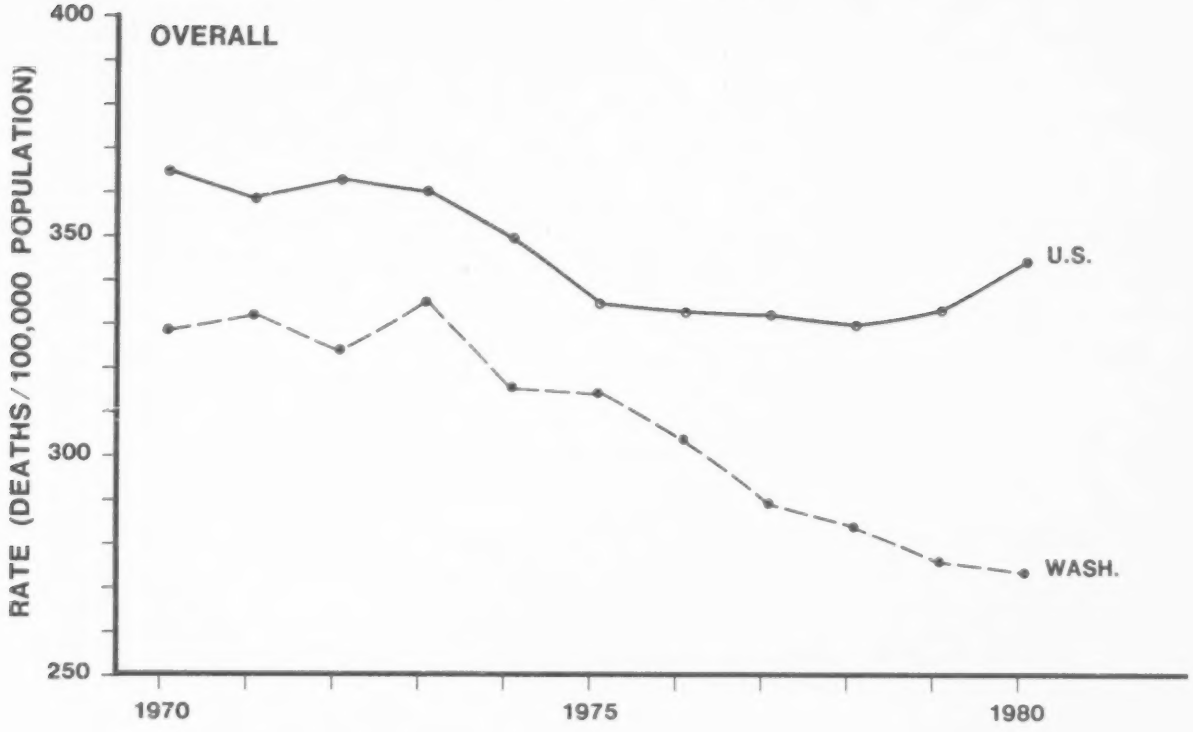
In 1980, in Washington State as in the U.S. as a whole, leading causes of death were heart disease, malignant neoplasm (cancer), cerebrovascular disease, accidents, and suicide, depending on the age of the decedent. How Washington State compares to the rest of the country and what this comparison reveals for each of these causes of death can point to potential health status issues.

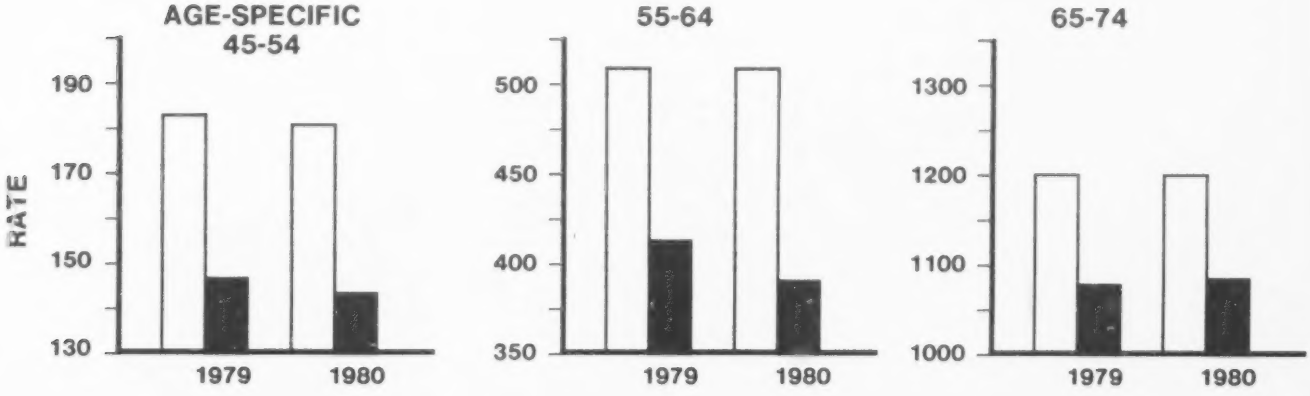
FEWER WASHINGTON STATE RESIDENTS DIE OF HEART DISEASE

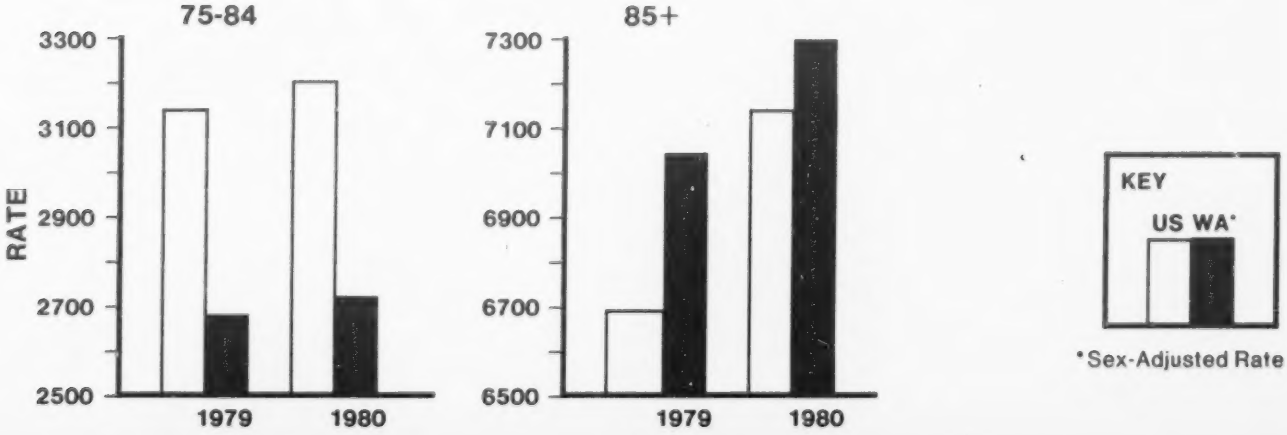
For both Washington and the U.S., heart disease death rates decreased during the early '70's. However, whereas U.S. rates reached a plateau after 1975, Washington's rates continued to decrease. As a consequence, Washington's heart disease death rates, which were already ten percent lower than U.S. rates in 1970, were 20 percent lower than U.S. rates in 1980. These lower rates are found for each age group except for the group 85 and older, which had a 2.4 percent higher rate in 1980. This higher rate could be due to uncertainties in estimation of the population base for this age group or to the fact that Washington residents don't die of heart disease at an earlier age and therefore the incidence of heart disease among the 85 and older population may be higher than for the rest of the country.

Why are Washington State's heart disease death rates so low relative to the rest of the country? Are people healthier because they live in Washington or do they live in Washington because they are healthier? In other words, is there some factor peculiar to Washington which retards heart disease deaths or are people of a given age who migrate to Washington from other states healthier than those who stay behind? The answers to these questions are not currently available.

HEART DISEASE DEATH RATES





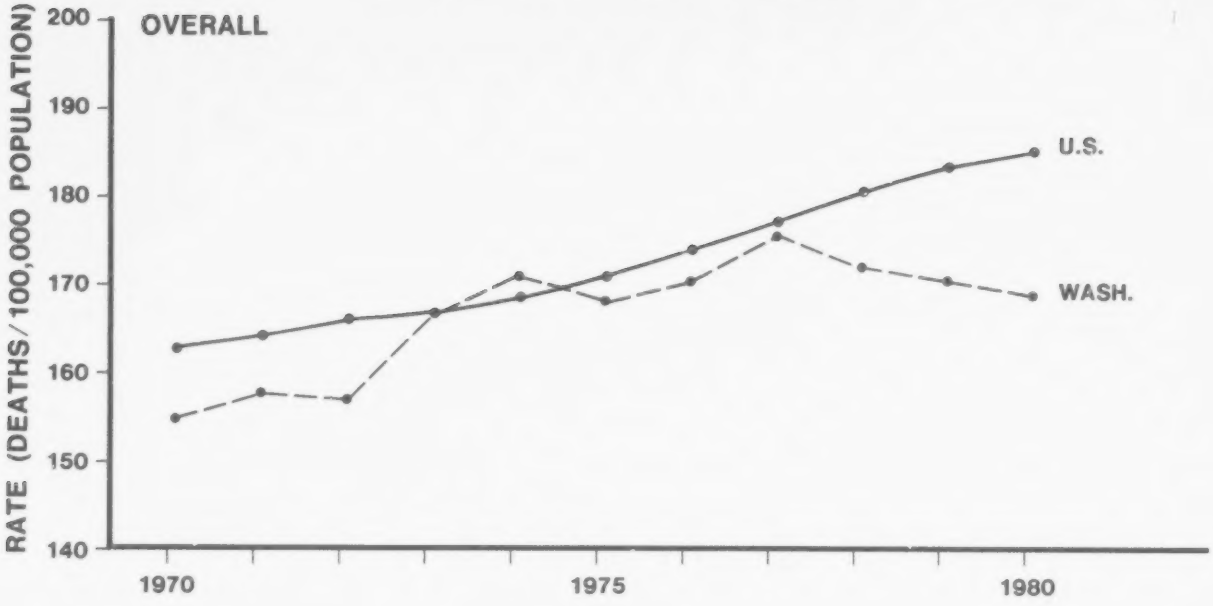


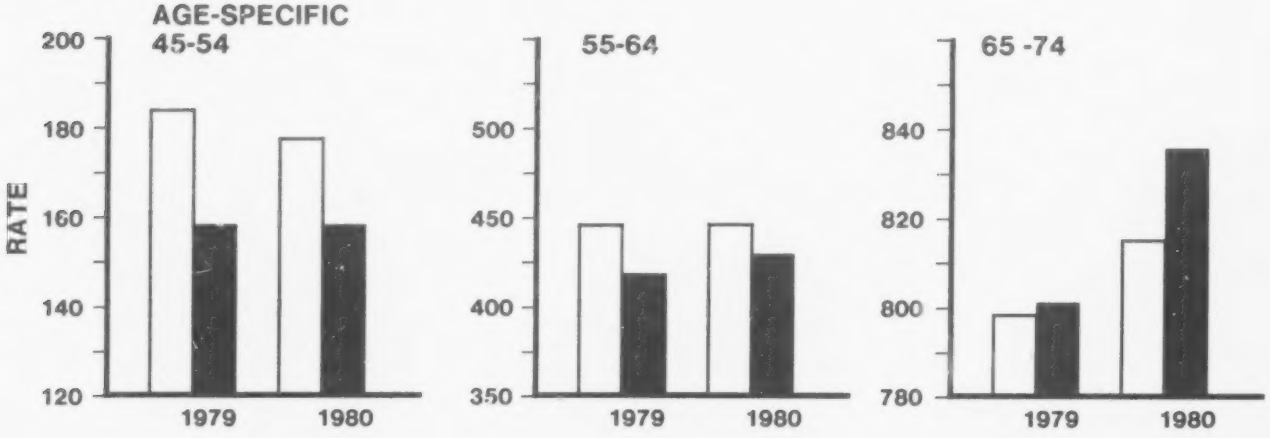
WASHINGTON'S CANCER DEATH RATES LEVEL OFF

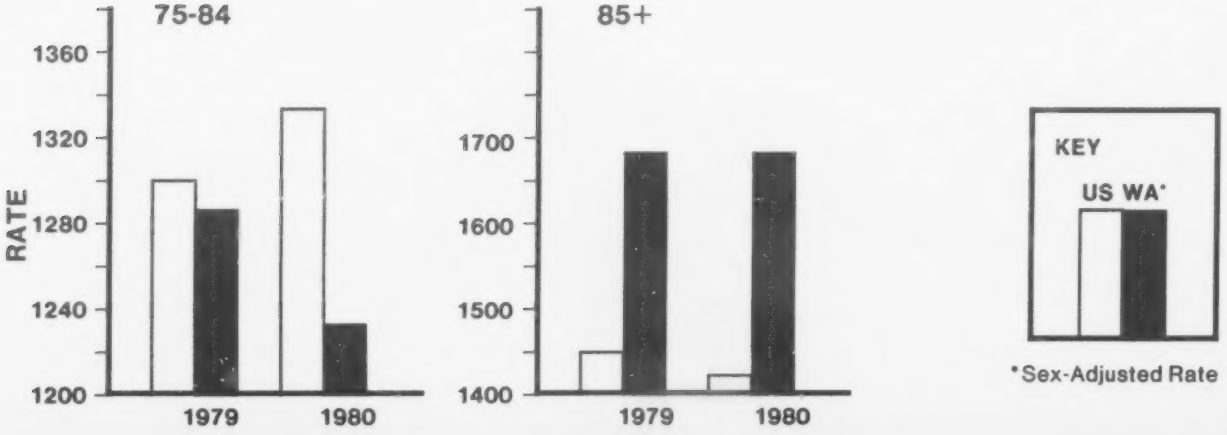
U.S. cancer death rates have increased steadily over the past decade. During the same time period, Washington State's rates showed greater fluctuation, but generally increased until 1977, after which they reached a plateau. During the middle of the decade (1973-77), Washington's rates were comparable to U.S. rates, but in the early and late '70's they were about ten percent lower. Lower rates were also found for all age groups except 65-74 (three percent higher in 1980) and 85+ (19 percent higher).

In Washington, as in the U.S. as a whole, the largest number of cancer deaths were due to cancer of the respiratory and interthoracic organs (29 percent of Washington's cancer deaths), closely followed by cancer of the digestive organs and peritoneum (26 percent of Washington's cancer deaths).

CANCER DEATH RATES





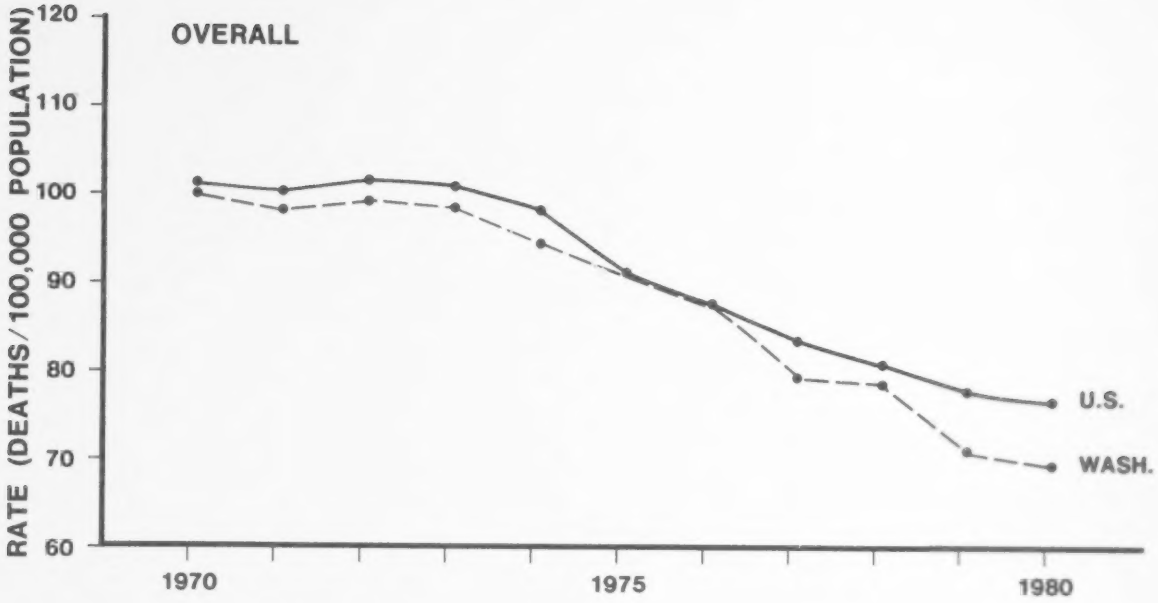


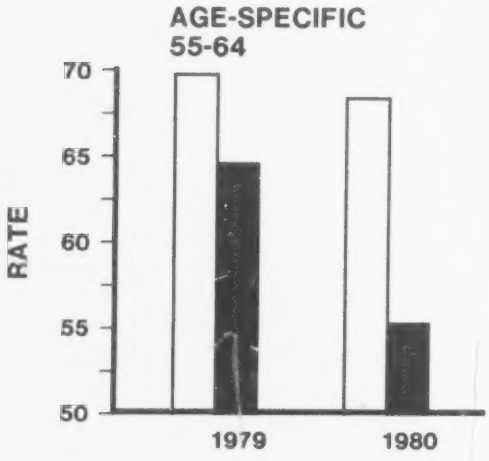
MORTALITY

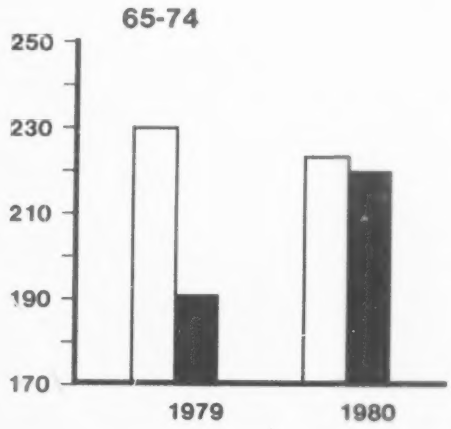
CEREBROVASCULAR DISEASE HAS A DECREASING DEATH RATE

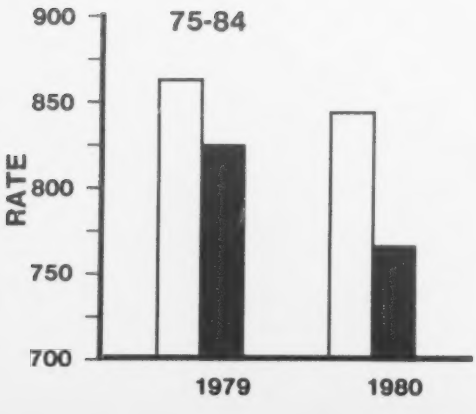
Death rates for cerebrovascular disease (stroke) have decreased steadily since 1974 for both Washington and the U.S. Although age-specific rates show considerable fluctuation from 1979 to 1980, Washington State's rates were always below the U.S. rates, again with the exception of the 85+ age group.

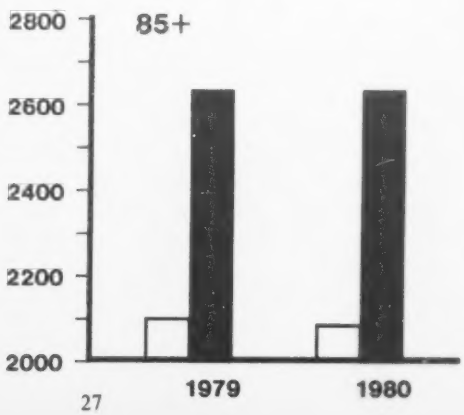
CEREBROVASCULAR DISEASE DEATH RATES

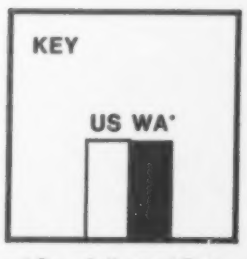












*Sex-Adjusted Rates

L 430-

MORTALITY

WASHINGTON STATE HAS HIGHER SUICIDE RATES

U.S. suicide rates increased by about eight percent between 1970 and 1980. In contrast, Washington's suicide rates largely fluctuated without trend. However, for all years, Washington's rates were considerably higher than U.S. rates, the difference reaching 30 percent in some years. Washington's rates were particularly high in the middle '70's, which may be related to the economic recession occurring during those years.

Age-specific suicide rates were highly variable between 1979 and 1980 for both Washington and the U.S. The only definite relationship to be found is that rates in the 15-24 year age group are about 17 percent higher for Washington as compared to the U.S.

Part of the difference between Washington and the U.S. may be due to a reporting artifact, as it has been found[e] that whether or not a death is certified as suicide often depends on the coroner's background.

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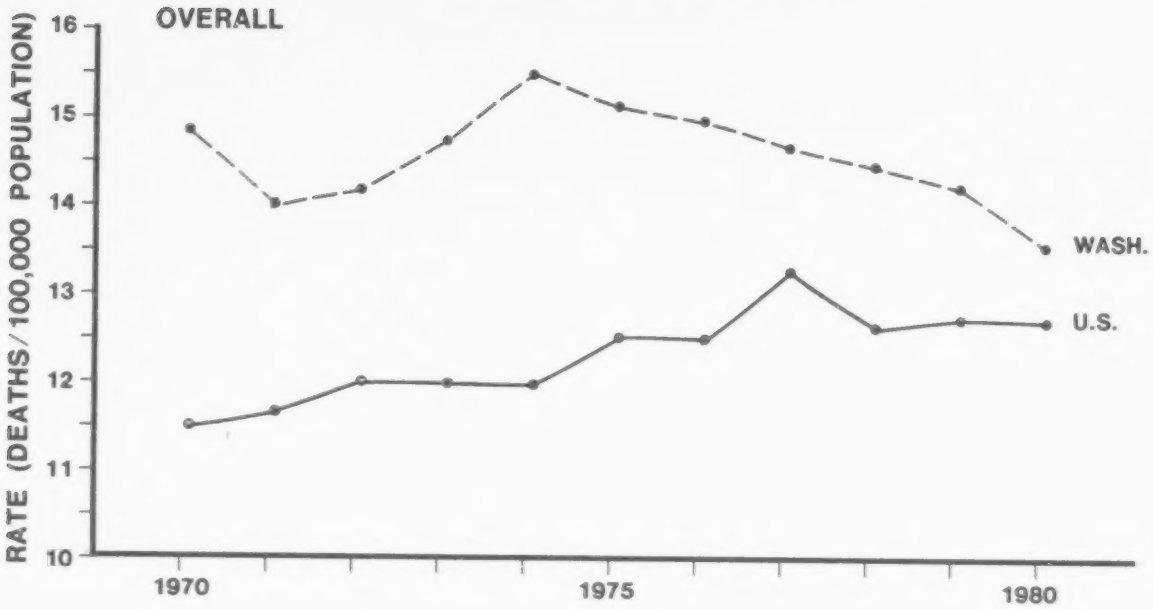
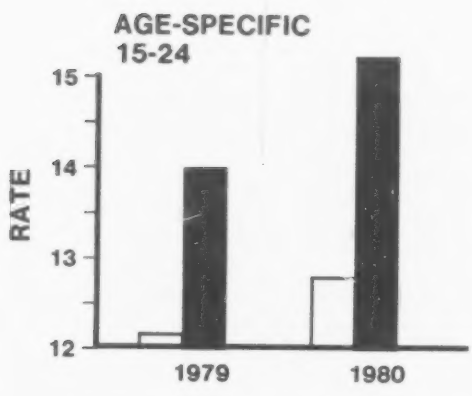
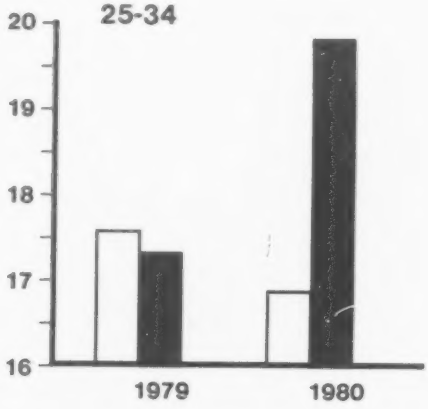
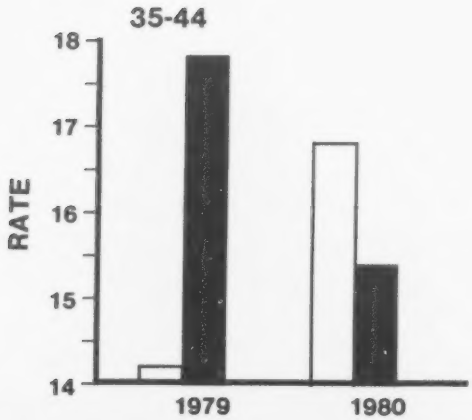
[e]N. L. Farberow, D. R. MacKinnon, and F. L. Nelson, "Suicide: Who's Counting?" Public Health Reports, Vol. 92, No. 3, p. 223-232, 1977.

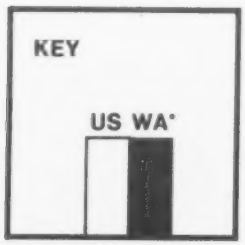
SUICIDE DEATH RATES











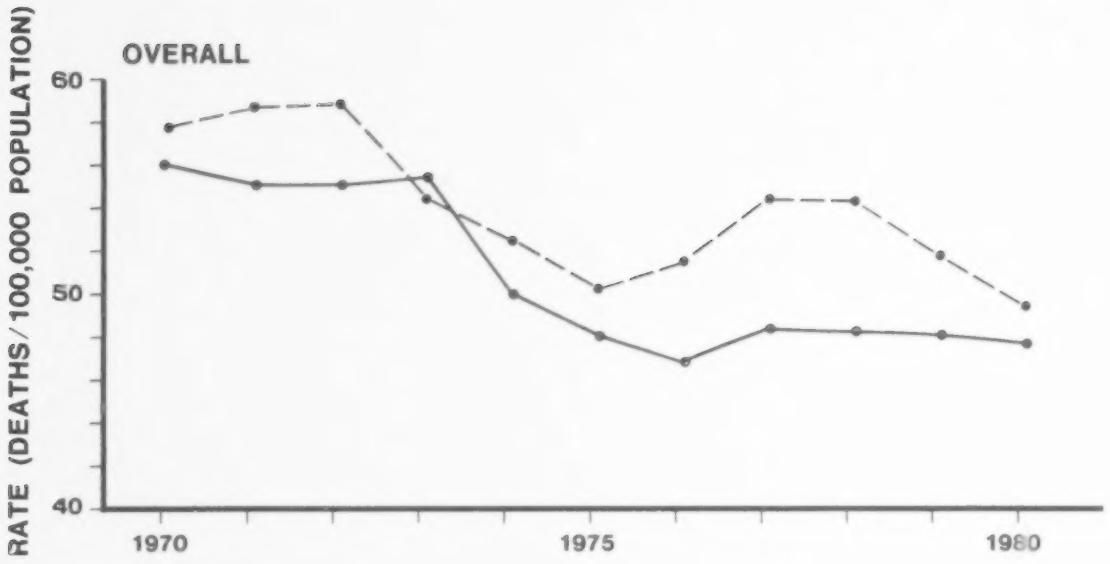
*Sex-Adjusted Rates

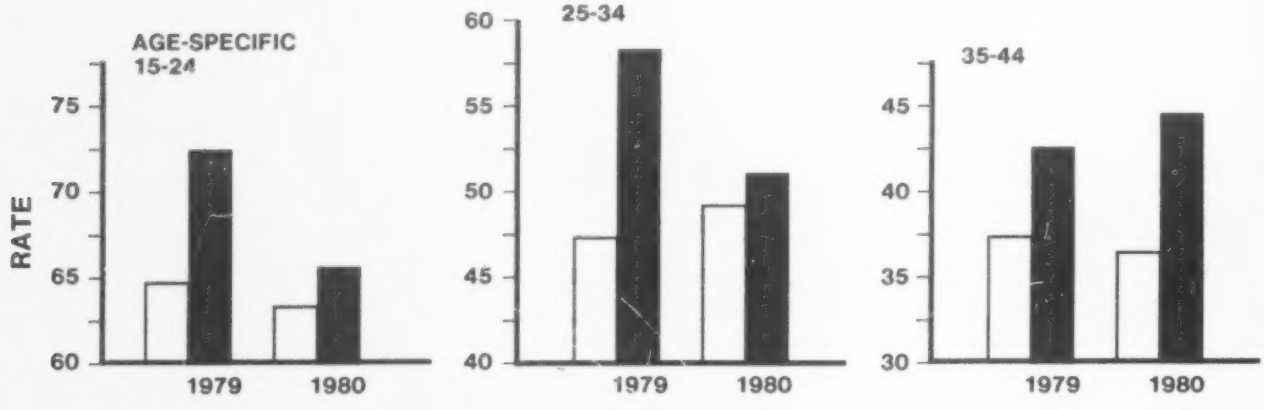
ACCIDENT DEATH RATES HIGHLY VARIABLE

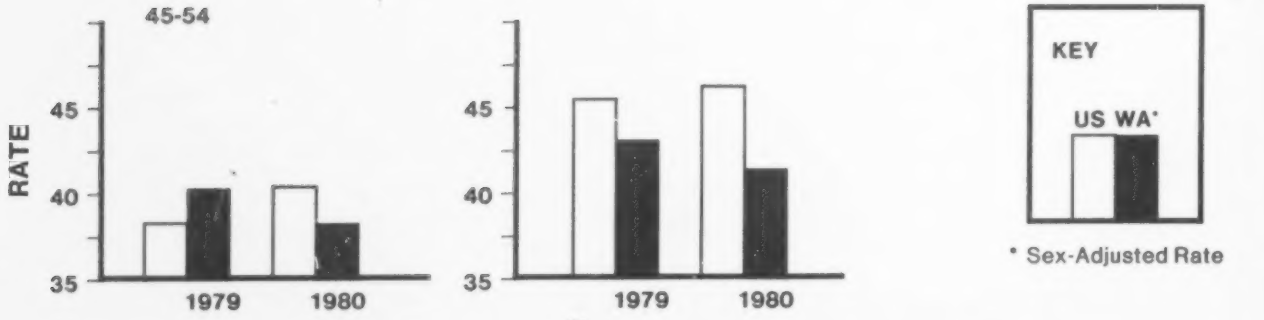
U.S. accident death rates decreased after 1973. Washington State's death rates show considerable fluctuation with peaks occurring at about five-year intervals. There is no logical explanation for this trend; it may be due to the small number of cases (2,015 deaths in 1980), which would cause the death rates to be highly variable.

For younger age groups (15-44), Washington State's accident death rates are higher than U.S. rates; this pattern is reversed for older age groups. One reason for this difference may be that most accidental deaths in the younger age group are due to motor vehicle accidents, which is not the case for older age groups. In fact, motor vehicle accident death rates were six percent higher in Washington than in the U.S. in 1980, whereas death rates from other types of accidents were five percent lower. The higher motor vehicle accident rates could be caused by increased exposure, i.e., greater distances generally driven by Western residents due to the geographically disperse population.

ACCIDENT DEATH RATES







INFANT DEATH RATES LOWER IN WASHINGTON

The decline in infant mortality rates over the century has been noted elsewhere in this report. Most of this decline is due to a decrease in the neonatal death rate (within the first 27 days of life). Post-neonatal death rates, which have always been considerably smaller, have decreased less. Decreases in the neonatal death rate may be due to medical intervention, i.e., infants are being saved who earlier would have died. However, better overall infant health caused by healthier mothers or shifts in the distribution of mothers to lower risk categories may also be an explanation.

Washington State's infant mortality rates are about ten percent lower than U.S. rates. This difference may actually be an underestimate, as a recent study[f] showed that reporting ofinfant deaths is more complete in Washington than in other states. The lower infant mortality rates in Washington were found for both males and females, but there appears to be substantial racial differences. For example, White infant mortality rats are about ten percent higher in Washington, whereas non-White rates are about 50 percent lower. These differences could be due to reporting artifacts such as underreporting of infant deaths in other states or to misclassification of race in Washington. It has already been noted that there is a tendency for certain non-White infant mortalty rates to be underestimated due to being classified as non-White at birth and White at death.[c] This practice may be more common in a state such as Washington, which has a primarily white population.

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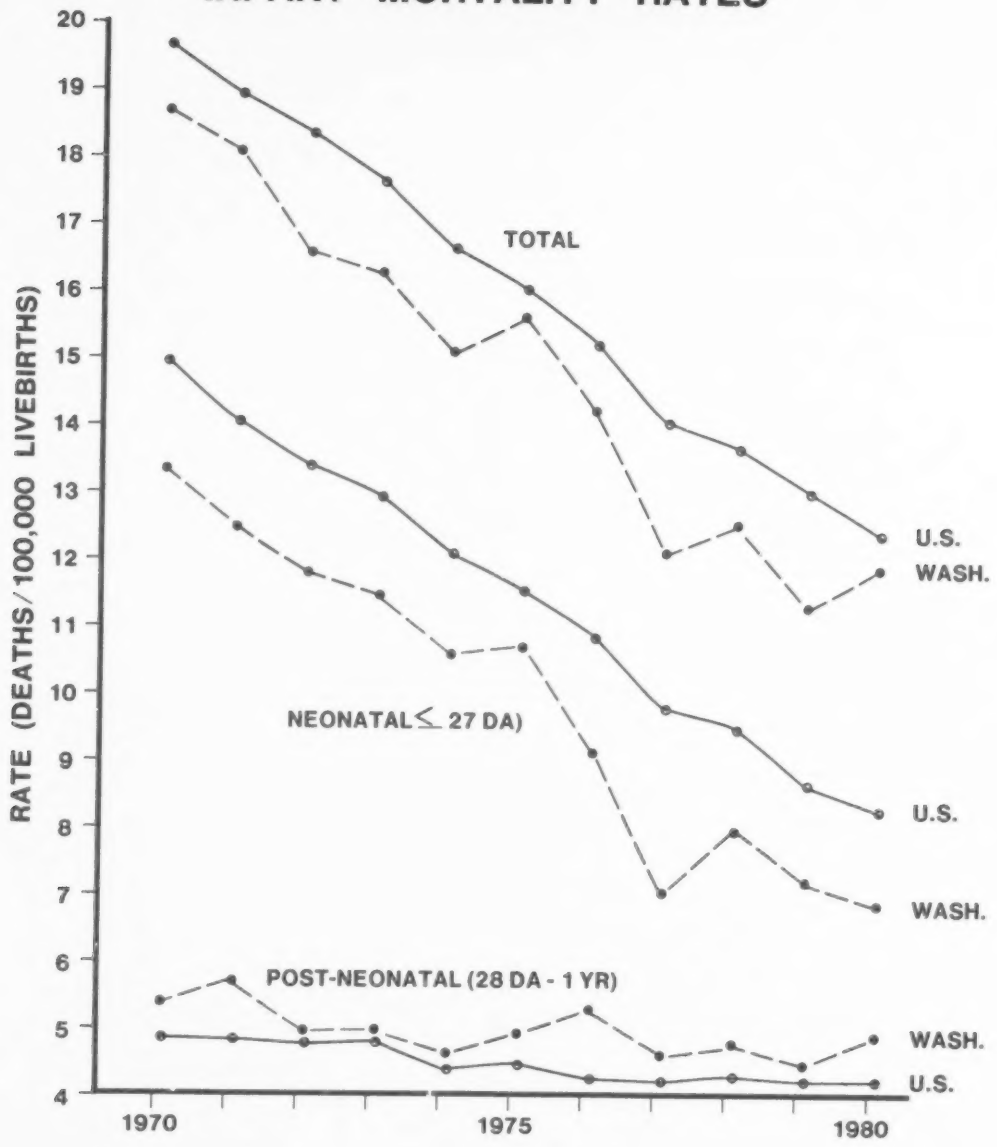
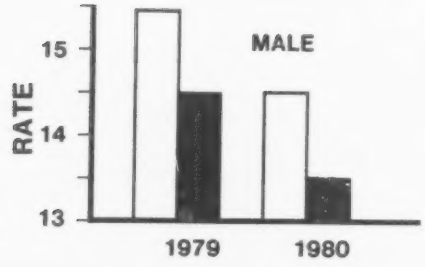
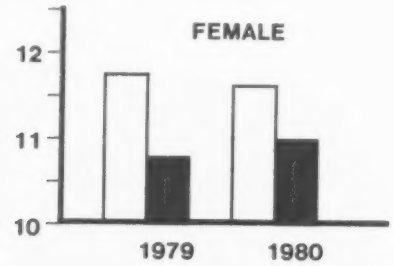
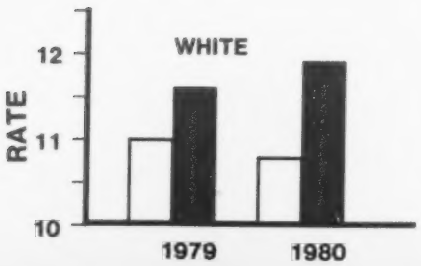
[f]F. Frost, T. Jennings, and P. Starzyk, "Completeness of Infant Death Registration for Very Low Birthweight Infants: Washington State, 1978-79." American Journal of Public Health, in press.

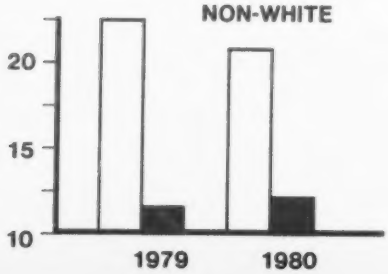
INFANT MORTALITY RATES











CAUSE OF DEATH COMPARISON INCONCLUSIVE FOR INFANT MORTALITY

Major causes of infant mortality are certain conditions, such as birth injuries, originating in the perinatal period, congenital anomalies, sudden infant death syndrome (SIDS), and accidents. As expected from the small number of deaths involved (currently less than 1,000/year total in Washington), cause-specific infant mortality rates vary considerably from year-to-year. In terms of comparison with U.S. figures, the only consistent patterns seen are that Washington is lower in death rates from perinatal conditions and higher in SIDS deaths. For perinatal conditions, the difference between Washington and the U.S. may be due to Washington's relatively low non-White population; in 1976 it was found[9] that Black mortality rates from this cause were nearly twice as large as White rates. In the case of SIDS, much of the early diagnostic work was done at Children's Orthopedic Hospital in Seattle and therefore Washington's physicians may be more aware of SIDS and therefore more likely to report it as a cause of death.

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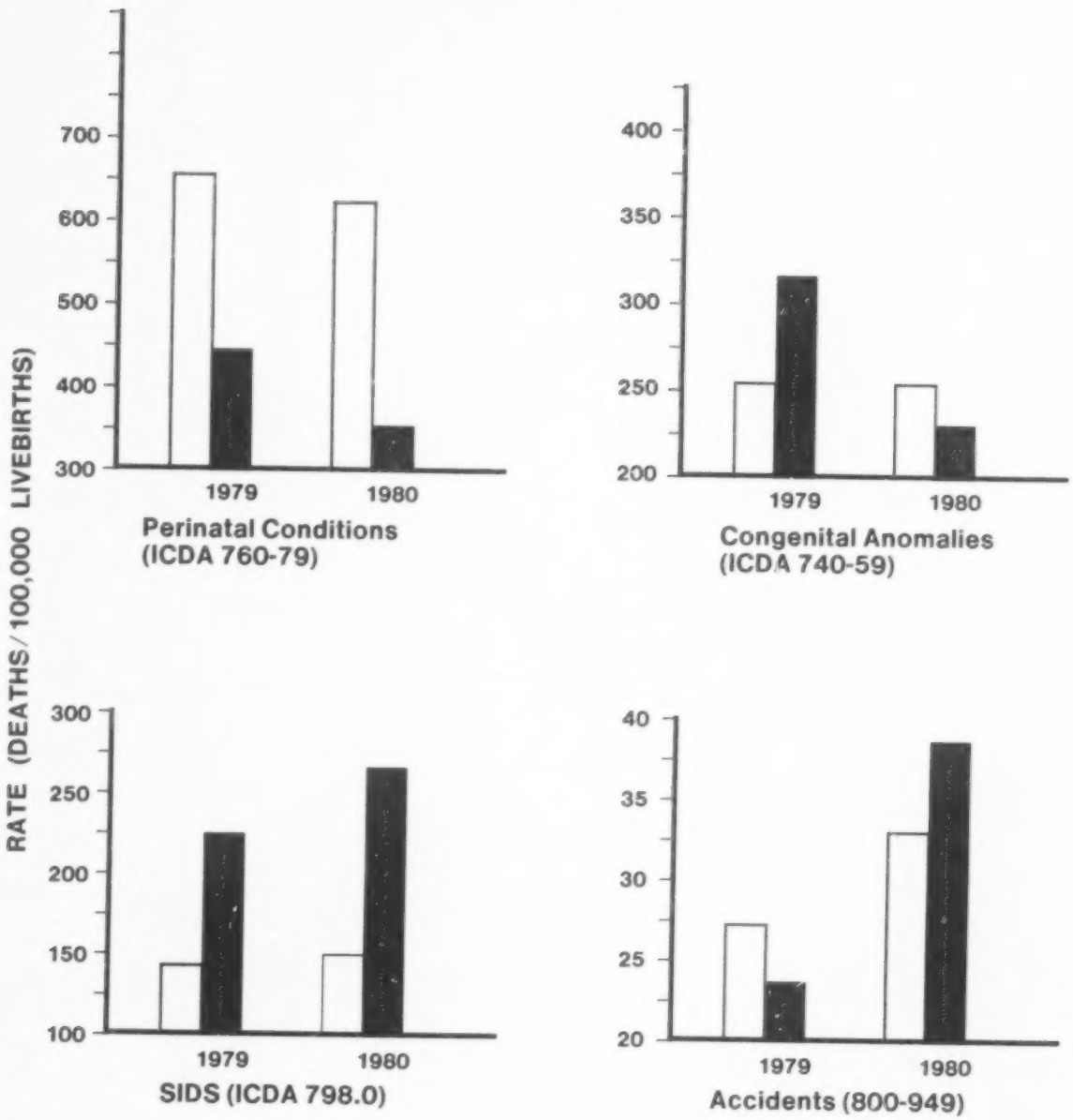
[9]Vital Statistics of the United States: 1976, Volume II - Mortality, Part A. U.S. Department of Health and Human Services, National Cancer for Health Statistics, Hyattsville, Maryland, 1980.

CAUSES OF INFANT DEATHS



MORE ANALYSIS OF MORTALITY DATA NEEDED

This report has attempted to present a brief analysis of data on deaths among residents of Washington State. As with births, the analysis has raised several questions which are worth considering.

1. What are the reasons for the death rate differences between Washington and the U.S.? Can population characteristics such as age and race explain the difference or does some factor peculiar to Washington (or the West in general) operate?

2. What effect does decreasing mortality from one cause have on other causes? For example, are people saved from stroke deaths only to die of cancer a short time later? How many infants saved in the neonatal period die in the post-neonatal period?

3. Is the teenage suicide rate increasing? Teenage suicide has been called a problem of epidemic proportions at the national level. The suicide rate for the 15-24 age group is even higher for Washington than for the rest of the U.S.

If there are answers to these questions, they will be found in more specific cause of death analysis, grouping several years of data where necessary to get enough cases for study.

TABLE 1

SUMMARY OF THE NUMBER OF LIVEBIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
STATE OF WASHINGTON, 1920 - 1980

		Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1920	1,367,000	27,072	19.8	15,164	11.1	1,797	66.4	249	92.0	888	32.8
1921	1,385,700	27,267	19.7	13,254	9.6	1,512	55.5	192	70.4	852	31.2
1922	1,407,100	25,378	18.0	14,249	10.1	1,566	61.7	190	74.9	731	28.8
1923	1,427,300	25,259	17.7	13,856	9.7	1,428	56.5	159	62.9	680	26.9
1924	1,447,200	25,378	17.5	14,580	10.1	1,426	56.2	167	65.8	711	28.0
1925	1,467,600	24,741	16.9	15,280	10.4	1,395	56.4	140	56.6	667	27.0
1926	1,487,600	23,989	16.1	15,670	10.5	1,352	56.4	174	72.5	719	30.0
1927	1,507,800	23,315	15.5	15,950	10.6	1,162	49.8	151	64.8	650	27.9
1928	1,528,200	23,161	15.2	16,723	10.9	1,115	48.1	175	75.6	641	27.7
1929	1,548,400	22,685	14.7	16,413	10.6	1,110	48.9	150	66.1	572	25.2
1930	1,568,000	23,019	14.7	16,678	10.6	1,122	48.7	148	64.3	601	26.1
1931	1,585,000	22,028	13.9	16,524	10.4	1,064	48.3	141	64.0	591	26.8
1932	1,602,500	21,379	13.3	16,581	10.3	967	45.2	139	65.0	530	24.8
1933	1,619,700	20,882	12.9	16,705	10.3	811	38.8	140	67.0	446	21.4
1934	1,636,900	22,484	13.7	17,456	10.7	968	43.1	105	46.7	520	23.1
1935	1,654,000	22,378	13.5	18,046	10.9	998	44.6	120	53.6	469	21.0
1936	1,671,400	23,354	14.0	19,057	11.4	1,064	45.6	115	49.2	468	20.0
1937	1,689,100	24,882	14.7	18,771	11.1	978	39.3	118	47.4	495	19.9
1938	1,706,000	26,702	15.7	18,514	10.9	1,035	38.8	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,752,400	27,952	16.0	19,837	11.3	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6

TABLE 1 (Cont'd)

		Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,378,963	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	57,994	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	61,436	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	61,571	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	62,703	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	62,290	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	64,999	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	65,982	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0
1958	2,767,900	65,574	23.7	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,819,000	65,729	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,214	65,251	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	65,013	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	64,812	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	61,013	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	57,148	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	52,806	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	51,777	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	54,875	17.1	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,329,000	57,206	17.2	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,365,000	59,354	17.6	30,504	9.1	1,118	18.8	12	2.0	651	11.0
1970	3,409,169	60,499	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,433,000	55,304	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,418,800	48,250	14.1	29,747	8.7	805	17.0	6	1.2	428	8.8
1973	3,424,300	47,636	13.9	30,751	9.0	781	16.4	3	0.6	430	9.0
1974	3,448,100	50,096	14.5	29,773	8.6	763	15.2	4	0.8	450	9.0
1975	3,494,124	50,821	14.5	29,778	8.5	798	15.7	5	1.0	421	8.3
1976	3,571,600	53,004	14.8	30,275	8.5	765	14.4	3	0.6	439	8.3
1977	3,661,975	57,256	15.6	29,789	8.1	696	12.2	5	0.9	426	7.4
1978	3,774,294	58,725	15.6	30,469	8.1	737	12.6	4	0.7	465	7.9
1979	3,911,200	64,377	16.5	30,418	7.8	737	11.4	5	0.8	466	7.2
1980	4,130,163	67,857	16.4	32,012	7.8	798	11.8	1	0.1	533	7.9

*Per 1,000 Population **Per 1,000 Livebirths ***Per 10,000 Livebirths

1933 and prior are occurrence figures, also Infant Mortality 1938 and Fetal Deaths 1935-1938, all others residence figures.

1961-1969 are revised estimates provided by the Office of Program Planning and Fiscal Managment.

NATALITY

TABLE 2

LIVEBIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1980

A Residence by Race by Sex

		Male	Female	Unk
Total	67,857	34,858	32,994	5
White	58,059	29,610	28,449	5
Black	2,695	1,347	1,348	
Mexican/ Chicano	2,331	1,189	1,142	
Indian	1,588	804	784	
Japanese	417	206	211	
Chinese	289	166	123	1
Filipino	629	319	310	
Other and Not Stated	1,849	929	920	

B Residence by Mothers Age Group by Sex

		Male	Female	Unk
Total	67,857	34,858	32,994	5
Under 15	106	61	45	
15 - 19	8,383	4,282	4,101	
20 - 24	22,349	12,032	11,314	3
25 - 29	22,299	11,461	10,836	2
30 - 34	10,848	5,560	5,288	
35 - 39	2,457	1,237	1,220	
40 - 44	373	204	169	
45 and Over	15	8	7	
Unknown	27	13	14	

C Residence by Order of Birth to Mother

		%
Total	67,857	100.0
1st child	29,933	44.1
2nd child	21,880	32.2
3rd child	9,910	14.6
4th child	3,641	5.4
5th child	1,365	2.0
6th child	585	0.9
7th child	255	0.4
8th child	134	0.2
9th child	61	0.1
10th or more	93	0.1

D Residence by Attendant

		%
Total	67,857	100.0
M.D.	65,054	95.9
Osteopath	1,141	1.7
Midwife	1,007	1.5
Father	207	0.3
Nurse	110	0.2
Mother	9	**
Other and Not Stated	329	0.5

E Multiple Livebirths

665 sets of twins
8 sets of triplets

TABLE 2 (Cont)

LIVEBIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1980

F Type of Place by Occurrence

Total	67,491
General Hospital	61,386
Federal Facility	3,779
Home	820
Born on Arrival	73
Other and Not Stated	1,433

G Residence and Occurrence by Sex, by Birthweight in Grams

	Residence				Occurrence			
	Total	Male	Female	Unk	Total	Male	Female	Unk
Total	67,857	34,858	32,994	5	67,491	34,678	32,808	5
1,000 grams and under	281	156	125		283	158	125	
1,001 - 1,500	319	168	151		330	176	154	
1,501 - 2,000	655	327	327	1	676	332	343	1
2,001 - 2,500	2,200	973	1,225	2	2,177	961	1,215	1
2,501 - 3,000	8,906	3,820	5,086		8,856	3,805	5,051	
3,001 - 3,500	23,790	11,205	12,583	2	23,676	11,135	12,539	2
3,501 - 4,000	22,137	12,124	10,013		21,998	12,060	9,938	
4,001 - 4,500	7,659	4,779	2,880		7,612	4,761	2,850	1
4,501 and Over	1,775	1,227	548		1,753	1,215	538	
Not Stated	135	79	56		130	75	55	

H Livebirths and Fetal Deaths, Residence and Occurrance by Month

	Livebirths		Fetal Deaths	
	Res	Occ	Res	Occ
Total	67,857	67,491	533	542
January	5,311	5,267	43	44
February	5,282	5,268	42	45
March	5,774	5,772	41	43
April	5,913	5,878	63	61
May	5,934	5,890	34	35
June	5,638	5,616	31	33
July	6,009	5,990	42	42
August	5,951	5,926	47	46
September	5,773	5,736	48	47
October	5,702	5,672	54	56
November	5,120	5,077	49	48
December	5,450	5,399	39	42

* Detail may not add to 100% due to rounding
**Less than .05 of one percent

TABLE 3

LIVEBIRTHS WITH RATES BY PLACE OF RESIDENCE AND OCCURRENCE, BY SEX, WASHINGTON STATE, 1980

County and City	Residence					Occurrence	
	Number	Rate*	Male	Female	Unknown	Number	Rate*
STATE TOTAL	67,857	16.4	34,858	32,994	5	67,491	16.3
Adams	316	23.8	146	170		281	21.2
Asotin	256	15.2	132	123		150	8.9
Benton	2,058	18.8	1,107	951		2,298	21.0
Kennewick	900	26.2	476	424		697	20.3
Richland	505	15.0	283	222		1,440	42.9
Chelan	784	17.4	388	396		1,221	27.1
Wenatchee	320	18.5	163	157		1,019	59.0
Clallam	894	17.3	462	432		887	17.2
Port Angeles	314	18.1	162	152		739	42.7
Clark	3,356	17.5	1,693	1,663		2,428	12.6
Vancouver	1,120	26.1	564	556		2,415	56.4
Columbia	76	18.7	39	37		45	11.1
Cowlitz	1,369	17.2	694	674	1	1,529	19.2
Kelso	229	20.6	117	111	1	7	.6
Longview	567	18.3	277	290		1,522	49.0
Douglas	381	17.2	215	166		2	.1
Ferry	105	18.1	50	55		45	7.7
Franklin	944	27.0	481	463		651	18.6
Pasco	570	31.8	298	272		651	36.3
Garfield	45	18.2	27	18		46	18.6
Grant	961	19.8	509	452		768	15.8
Moses Lake	213	20.0	98	115		459	43.2
Grays Harbor	1,170	17.6	609	561		833	12.6
Aberdeen	333	17.8	193	140		742	39.6
Island	778	17.7	428	350		662	15.0
Oak Harbor	276	22.5	152	124		382	31.1
Jefferson	225	14.1	112	113		194	12.2
King	17,697	13.9	8,875	8,820	2	19,840	15.6
Auburn	590	22.3	298	292		674	25.5
Bellevue	830	11.2	439	391		1,753	23.7
Kent	572	24.7	300	272		15	.6
Kirkland	510	27.2	272	238		849	45.2
Mercer Island	145	6.7	72	73		2	.1
Redmond	404	17.3	218	186		1,695	72.7
Renton	623	20.4	314	309		2,133	69.7
Seattle	6,489	13.1	3,205	3,283	1	12,365	25.0
Kitsap	2,568	17.5	1,351	1,217		2,267	15.5
Bremerton	878	24.2	457	421		2,219	61.3
Kittitas	349	14.0	178	171		317	12.7
Ellensburg	171	14.5	95	76		313	26.6
Klickitat	244	15.4	131	113		282	17.8
Lewis	969	17.5	525	444		935	16.9
Centralia	221	20.4	120	101		495	45.8
Lincoln	132	13.7	82	50		65	6.8
Mason	502	16.1	265	237		304	9.7
Okanogan	608	19.8	306	302		593	19.4
Pacific	271	15.7	140	130	1	141	8.2
Pend Oreille	163	19.0	86	77		134	15.6
Pierce	9,120	18.8	4,675	4,445		9,348	19.2
Puyallup	306	16.8	159	147		1,168	64.0
Tacoma	3,032	19.1	1,562	1,470		8,088	51.0
San Juan	93	11.9	62	31		9	1.1
Skagit	1,080	16.8	561	519		1,376	21.5
Mount Vernon	233	17.9	114	119		984	75.6
Skamania	146	18.4	82	64		8	1.0
Snohomish	5,699	16.9	2,915	2,780		4,204	12.5
Edmonds	421	14.7	224	197		1,623	56.5
Everett	1,169	21.5	588	581		2,029	37.3
Lynnwood	510	22.6	257	253		53	2.3
Mountlake Terrace	287	17.4	152	135		2	.1
Spokane	5,537	16.2	2,296	2,611		6,368	18.6
Spokane (city)	2,864	16.7	1,517	1,347		5,976	34.9
Stevens	547	18.9	284	263		384	13.3
Thurston	2,237	18.0	1,163	1,074		2,383	19.2
Lacey	262	18.8	136	126		3	.2
Olympia	660	24.0	356	304		2,372	86.4
Wahkiakum	43	11.2	21	22		0	-
Walla Walla	695	14.7	362	333		1,003	21.1
Walla Walla (city)	418	16.3	225	193		997	38.9
Whatcom	1,661	15.6	872	788	1	1,523	14.3
Bellingham	636	13.9	333	303		1,511	33.0
Whitman	462	11.5	236	226		573	14.3
Pullman	212	9.0	111	101		476	20.2
Yakima	3,317	19.2	1,664	1,653		3,394	19.7
Yakima (city)	921	18.5	474	447		2,363	47.4

* Rates per 1,000 population

TABLE 4

LIVEBIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	White	Black	Mexican/ Chicano	Indian	Japan- ese	Chin- ese	Filipino	Other Asian	Other and Unknown
STATE TOTAL	67,857	58,059	2,695	2,331	1,588	417	289	629	1,608	241
Adams	316	254	2	55	2			2	1	
Asotin	255	242		2	8			2	1	
Benton	2,058	1,815	27	140	29	7	10	5	23	2
Kennewick	900	791	15	57	16	3	3	3	12	
Richland	505	457	10	12	7	3	7		9	
Chelan	784	700	1	64	9	1	1	2	6	
Wenatchee	320	288		19	7	1		2	3	
Clallam	894	804	3	4	68	2	1	1	9	2
Port Angeles	314	285	2	2	21	2			2	
Clark	3,356	3,107	44	46	41	10	6	24	73	5
Vancouver	1,120	977	29	20	23	2	2	17	48	2
Columbia	76	71		5						
Cowlitz	1,369	1,324	2	4	6		1	1	30	1
Kelso	229	223			2		1		2	1
Longview	567	537	1	1	3				25	
Douglas	381	344		27	7	2		1		
Ferry	105	71		1	24	1			1	7
Franklin	984	664	42	222	5	2	1	2	6	
Pasco	570	348	41	173	3				5	
Garfield	45	43	1	1						
Grant	961	812	16	112	10	5	1		4	1
Moses Lake	213	167	5	37	2	1	1			
Grays Harbor	1,170	1,074	3	10	70		1	3	8	1
Aberdeen	333	310		5	13		1	1	2	1
Island	778	696	18	5	6	4		11	36	2
Oak Harbor	276	236	12	2		2		7	17	
Jefferson	225	212	1	1	10			1		
King	17,697	14,587	1,173	173	258	219	209	286	662	130
Auburn	590	539	6	4	18	2		3	15	3
Bellevue	830	749	15	3		13	11	6	32	1
Kent	572	516	14	7	7	2	4	5	10	7
Kirkland	510	476	7	3	5	3	1	4	11	
Mercer Island	145	130	2	1		5	1	2	3	1
Redmond	404	364	8	3		2	6	3	16	2
Renton	623	546	19	9	8	9	3	11	14	4
Seattle	6,489	4,447	963	77	130	116	136	183	370	67
Kitsap	2,568	2,253	80	29	60	12	5	73	50	6
Bremerton	878	706	53	13	19	6	3	46	30	2
Kittitas	349	333	3	5	4	1	1	1	1	
Ellensburg	171	163	2	2	2	1	1			
Klickitat	244	222	1	6	15					
Lewis	969	938	1	14	8			2	6	
Centralia	221	206	1	7	3			1	3	
Lincoln	132	130		1	1					
Mason	502	457		7	30	1		3	1	3
Okanogan	608	468		26	105				7	2
Pacific	271	252	3	1	8	1		2	4	
Pend Oreille	163	150	1	2	8	1		1		
Pierce	9,120	7,231	987	179	158	57	11	97	392	8
Puyallup	306	295	5	3	3	1		2	7	
Tacoma	3,032	2,216	491	63	82	16	6	28	129	1
San Juan	93	90					1		1	1
Skagit	1,080	1,022	2	22	21	4		3	6	
Mount Vernon	233	218		7	3	1		1	3	
Skamania	146	143		2						1
Snohomish	5,699	5,275	48	46	117	39	16	44	93	21
Edmonds	421	393	1	3	3	8	3	2	5	3
Everett	1,169	1,054	16	13	37	8	1	12	25	3
Lynnwood	510	454	10	4	8	8	4	3	15	4
Mountlake Terrace	287	251	5	4	8	1	5	7	6	
Spokane	5,537	5,118	126	42	119	21	10	15	83	3
Spokane (city)	2,864	2,598	84	26	78	8	8	4	55	3
Stevens	547	496	3	5	32	3	1	1	1	5
Thurston	2,237	2,051	35	22	34	6	4	18	58	9
Lacey	262	230	7	4	2	3	1	4	9	2
Olympia	660	596	9	3	8	2	1	4	34	3
Wahkiakum	43	43								
Walla Walla	695	608	10	65	5	2		1	4	
Walla Walla (city)	418	372	6	33	3	2		1	1	
Whatcom	1,661	1,459	6	41	102	6	3	4	18	22
Bellingham	636	567	2	11	33	1	2	2	11	7
Whitman	462	423	7	7	5	3	3	4	10	
Pullman	212	184	5	4	2	3	3	2	9	
Yakima	3,317	2,077	49	937	203	7	3	19	13	9
Yakima (city)	921	707	35	136	22	2	1	6	7	5

TABLE 5

LIVEBIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	All Ages	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unknown
STATE TOTAL	67,857	106	8,383	23,349	22,299	10,948	2,457	373	15	27
Adams	316	1	47	125	81	45	15	2		
Asotin	255		42	110	63	30	10			
Benton	2,058	1	269	692	684	312	95	14		1
Kennewick	900	1	132	312	302	117	32	4		
Richland	505		60	154	172	87	26	6		
Chelan	784		99	290	263	97	29	6		
Wenatchee	320		47	125	102	36	7	3		
Clallam	894		116	331	304	103	36	4		
Port Angeles	314		34	114	121	31	12	2		
Clark	3,356	6	423	1,198	1,112	485	119	10	3	
Vancouver	1,120	1	191	484	306	105	27	6		
Columbia	76		16	18	28	10	2	2		
Cowlitz	1,369	2	220	529	426	151	35	6		
Kelso	229		48	94	60	22	5			
Longview	587	2	94	232	170	53	15	1		
Douglas	381		49	148	112	64	8			
Ferry	105		18	41	27	14	4	1		
Franklin	944	4	130	383	275	111	31	9	1	
Pasco	570	4	99	248	139	61	14	5		
Garfield	45		5	14	23	2	1			
Grant	961	1	155	333	286	128	48	9		1
Moses Lake	213		36	73	62	31	10	1		
Grays Harbor	1,170	4	199	458	349	131	26	3		
Aberdeen	333	1	69	119	97	37	8	2		
Island	778		76	291	255	124	29	3		
Oak Harbor	276		27	119	86	38	5	1		
Jefferson	225	1	19	75	79	39	9	2	1	
King	17,697	26	1,577	5,096	6,220	3,803	836	119	3	17
Auburn	590	1	87	246	174	68	10	4		
Bellevue	830	1	43	217	268	237	54	9	1	
Kent	572	1	76	205	204	72	13	1		
Kirkland	510		24	145	193	127	20	1		
Mercer Island	145		6	16	45	56	20	2		
Redmond	404	1	18	87	162	110	19	6		1
Renton	623	1	69	223	215	96	19			
Seattle	6,483	13	639	1,762	2,191	1,495	330	47	1	11
Kitsap	2,568	1	325	916	849	378	86	13		
Bremerton	878		131	408	225	88	25	1		
Kittitas	349		41	115	126	50	10	6		1
Ellensburg	171		21	68	51	21	6	4		
Klickitat	244		45	84	78	25	8	4		
Lewis	969	2	190	370	261	113	25	5		3
Centralia	221	2	54	88	49	22	4	1		1
Lincoln	132		14	52	33	30	1	2		
Mason	502	1	79	205	153	47	14	3		
Okanogan	608	1	102	232	176	75	20	1		1
Pacific	271		48	98	87	31	6	1		
Pend Oreille	163		25	52	51	28	5	1	1	
Pierce	9,120	18	1,290	3,595	2,768	1,163	244	42		
Puyallup	306		41	91	103	59	10	2		
Tacoma	3,032	11	475	1,177	899	368	83	19		
San Juan	93		5	23	34	25	5			1
Skagit	1,080	2	148	386	358	155	27	4		
Mount Vernon	233	1	46	84	70	25	7			
Skamania	146		27	58	36	16	8	1		
Snohomish	5,699	7	642	1,927	1,995	937	159	28	2	2
Edmonds	421		36	123	143	102	13	4		
Everett	1,169	3	183	467	338	152	19	5	1	1
Lynnwood	510	1	72	169	162	91	13	2		
Mountlake Terrace	287		24	116	110	28	8	1		
Spokane	5,537	5	655	2,000	1,842	820	194	20	1	
Spokane (city)	2,864	3	365	1,079	968	354	82	12	1	
Stevens	547	1	68	192	188	80	14	4		
Thurston	2,237	2	271	776	719	367	91	11		
Lacey	262		34	83	94	36	11	2		
Olympia	660	1	71	241	198	120	29			
Wahkiakum	63		10	11	13	7	2			
Walla Walla	695	2	106	254	209	100	21	3		
Walla Walla (city)	418	1	67	158	126	52	12			
Whatcom	1,661	4	168	534	593	292	57	12	1	
Bellingham	636	1	67	216	227	105	16	3	1	
Whitman	462	2	27	149	184	79	21			
Pullman	212	2	10	68	84	40	8			
Yakima	3,317	12	637	1,168	959	381	116	22	2	
Yakima (city)	921	3	175	334	280	102	22	4	1	

TABLE 6

LIVEBIRTHS BY MONTH BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	67,857	5,311	5,282	5,774	5,913	5,934	5,638	6,009	5,951	5,773	5,702	5,120	5,450
Adams	316	30	25	29	26	31	28	36	26	26	26	15	18
Asotin	255	36	19	17	19	22	20	22	14	17	17	22	30
Benton	2,058	174	145	182	188	164	156	189	177	172	183	159	169
Kennewick	900	81	60	76	85	65	69	77	82	95	70	59	81
Richland	505	47	42	46	39	41	37	53	45	38	36	41	40
Chelan	784	65	57	47	60	65	69	75	79	66	79	55	67
Wenatchee	320	33	25	22	21	24	23	33	33	29	33	19	25
Clallam	894	79	77	83	77	79	67	78	79	73	67	69	66
Port Angeles	314	24	20	31	24	22	26	37	26	24	26	26	28
Clark	3,356	253	258	277	296	304	271	300	298	303	263	237	296
Vancouver	1,120	94	94	84	113	98	86	94	93	98	87	66	113
Columbia	76	4	10	9	2	5	8	9	9	4	4	7	5
Cowlitz	1,369	104	108	135	120	104	120	110	135	112	113	110	98
Kelso	229	18	22	26	14	15	16	18	28	20	19	17	16
Longview	567	41	43	50	57	42	50	48	58	47	48	37	46
Douglas	381	29	31	44	21	26	40	22	37	39	26	27	39
Ferry	105	5	12	5	9	9	11	6	9	9	8	10	12
Franklin	944	75	77	86	79	94	70	82	74	72	83	73	79
Pasco	570	47	43	59	52	52	45	44	40	43	43	48	54
Garfield	45	1	5	3	6	5	3	3	6	4	3	2	4
Grant	961	61	81	81	68	79	91	91	85	74	86	68	96
Moses Lake	213	15	17	23	17	19	18	22	15	18	13	11	25
Grays Harbor	1,170	93	82	111	94	105	106	107	106	105	76	91	94
Aberdeen	333	21	17	30	29	33	35	31	26	31	22	28	30
Island	778	58	57	74	65	57	65	72	70	65	63	67	65
Oak Harbor	276	31	13	20	29	16	24	31	24	22	21	18	27
Jefferson	225	18	23	12	27	18	21	19	24	14	22	17	11
King	17,697	1,337	1,461	1,514	1,536	1,574	1,461	1,567	1,544	1,516	1,447	1,377	1,393
Auburn	590	47	57	52	46	55	42	60	57	61	34	41	38
Bellevue	830	68	62	84	73	68	74	77	72	67	72	57	56
Kent	572	66	56	41	56	64	46	53	53	42	32	33	30
Kirkland	510	53	47	51	62	65	41	61	36	25	31	17	21
Mercer Island	145	9	15	17	9	10	9	11	11	18	8	11	17
Redmond	404	22	31	25	33	57	35	30	43	32	28	36	32
Renton	623	53	51	60	65	53	44	59	55	50	38	46	49
Seattle	6,489	503	519	538	568	581	530	580	567	511	538	502	552
Kitsap	2,568	207	198	207	218	250	222	210	200	212	212	200	232
Bremerton	878	72	69	77	68	86	77	78	67	65	70	71	78
Kittitas	349	18	24	21	25	30	34	40	28	31	28	27	33
Ellensburg	171	5	19	13	11	16	17	24	16	8	13	15	14
Klickitat	244	18	22	26	19	16	17	23	24	22	22	18	17
Lewis	969	77	85	79	84	85	68	90	83	76	94	78	70
Centralia	221	20	20	18	19	18	14	22	22	14	24	15	15
Lincoln	132	13	14	10	7	8	8	13	15	9	14	10	11
Mason	502	43	45	46	44	45	38	38	43	39	31	39	49
Okanogan	608	47	49	50	46	49	40	73	60	62	47	34	51
Pacific	271	17	18	21	32	30	23	25	21	23	21	20	20
Pend Oreille	163	12	5	18	19	12	22	15	15	11	12	15	9
Pierce	9,120	739	697	799	829	762	750	791	744	816	746	707	735
Puyallup	306	23	30	30	26	21	28	27	21	31	24	25	20
Tacoma	3,032	240	241	244	269	252	266	272	238	274	244	226	266
San Juan	93	5	6	7	5	11	5	12	6	6	11	8	9
Skagit	1,080	68	102	100	91	96	84	81	100	92	98	74	94
Mount Vernon	233	16	19	22	22	16	24	17	20	28	18	15	16
Skamania	146	11	9	12	6	13	15	15	14	7	21	13	10
Snohomish	5,699	460	407	499	492	503	441	516	555	470	507	407	440
Edmonds	421	40	38	36	44	35	23	32	44	36	35	25	33
Everett	1,169	87	98	102	103	122	79	114	106	100	86	82	92
Lynnwood	510	45	25	44	36	49	40	35	56	50	49	42	37
Mountlake Terrace	287	21	15	21	21	27	25	20	32	32	27	23	23
Spokane	5,537	424	428	453	471	534	462	507	466	451	476	405	460
Spokane (city)	2,864	251	218	258	250	277	236	240	234	227	231	207	235
Stevens	547	39	34	45	40	42	53	45	49	53	58	43	46
Thurston	2,237	166	161	204	184	190	195	191	218	180	195	191	162
Lacey	260	25	18	18	30	20	23	20	20	25	24	28	11
Olympia	660	45	51	57	47	64	54	58	78	56	59	51	40
Wahkiakum	43	4	3	6	5	2	3	4	3	1	2	3	7
Walla Walla	695	65	51	50	67	51	58	60	57	65	68	45	58
Walla Walla (city)	418	35	41	25	42	26	36	40	33	44	39	23	34
Whatcom	1,661	146	115	116	167	146	164	144	136	147	136	116	128
Bellingham	636	56	47	44	63	65	54	51	55	53	63	38	47
Whitman	462	38	37	38	46	48	45	35	40	37	35	35	28
Pullman	212	16	10	19	25	18	27	14	24	17	13	16	13
Yakima	3,317	272	265	256	323	270	284	293	297	290	302	226	239
Yakima (city)	921	84	75	70	109	73	72	82	80	68	76	61	71

TABLE 7

LIVEBIRTHS BY BIRTHPLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1980

County and City	Total	General Hospital	Federal Facilities	Home	Born on Arrival	Other and Not Stated
STATE TOTAL	67,491	61,386	3,779	820	73	1,433
Adams	281	276		2	2	1
Asotin	150	150				
Benton	2,298	2,282		15		1
Kennewick	697	687		10		
Richland	1,440	1,436		3		1
Chelan	1,221	1,213		6	1	1
Wenatchee	1,019	1,017		1	1	
Clallam	887	871		16		
Port Angeles	739	732		7		
Clark	2,428	2,382		40	5	1
Vancouver	2,415	2,381		29	4	1
Columbia	45	44		1		
Cowlitz	1,529	1,514		13	2	
Kelso	7			7		
Longview	1,522	1,514		6	2	
Douglas	2			2		
Ferry	45	37		5		3
Franklin	651	647		4		
Pasco	651	647		4		
Garfield	46	46				
Grant	768	758		9		1
Moses Lake	459	451		7		1
Grays Harbor	833	822		6		5
Aberdeen	742	738				4
Island	682	262	379	18	2	1
Oak Harbor	382	2	377	2	1	
Jefferson	194	181		13		
King	19,840	18,716		280	21	823
Auburn	674	666		6	2	
Bellevue	1,753	1,737		13	2	1
Kent	15			14	1	
Kirkland	849	833		16		
Mercer Island	2			2		
Redmond	1,695	1,679		13	3	
Renton	2,133	2,124		7	2	
Seattle	12,365	11,362		156	10	817
Kitsap	2,267	1,606	594	21	1	45
Bremerton	2,219	1,606	593	6		14
Kittitas	317	313				4
Ellensburg	313	313				
Klickitat	282	250		5	1	26
Lewis	935	917		5	1	12
Centralia	495	492		2	1	
Lincoln	65	60		2	2	1
Mason	304	290		11	3	
Okanogan	593	570		13	6	4
Pacific	141	131		10		
Pend Oreille	134	127		6		1
Pierce	9,348	6,788	2,414	72	13	61
Puyallup	1,168	1,156		11	1	
Tacoma	8,088	5,630	2,407	39	11	1
San Juan	9			4		5
Skagit	1,376	1,174		4	2	196
Mount Vernon	984	786			2	196
Skamania	8			7		1
Snohomish	4,204	4,036		59	4	105
Edmonds	1,623	1,561		6	1	55
Everett	2,029	2,016		9	2	2
Lynnwood	53	1		6		46
Mountlake Terrace	2			2		
Spokane	6,368	5,798	392	55	3	120
Spokane (city)	5,976	5,789	22	44	3	118
Stevens	384	364		19	0	1
Thurston	2,383	2,337		45		1
Lacey	3			3		
Olympia	2,372	2,336		35		1
Wahkiakum						
Walla Walla	1,003	995		8		
Walla Walla (city)	997	994		3		
Whatcom	1,523	1,494		28	1	
Bellingham	1,511	1,494		16	1	
Whitman	573	558		4	1	10
Pullman	476	475			1	
Yakima	3,394	3,377		12	2	3
Yakima (city)	2,363	2,351		10	2	

TABLE 8

LIVEBIRTHS BY BIRTHWEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	1000 or less	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501 and Over	Not Stated
TOTAL	67,857	281	319	655	2,200	8,906	23,790	22,137	7,659	1,775	135
Adams	316		2	2	8	51	126	91	30	6	
Asotin	255			1	8	37	95	76	25	13	
Benton	2,058	10	8	17	62	237	700	688	277	59	
Kennewick	900	5	3	5	28	113	321	290	110	25	
Richland	505	1	3	6	15	47	174	165	76	18	
Chelan	784	1	2	13	21	103	276	256	90	22	
Wenatchee	320	1	1	5	11	33	117	102	38	12	
Clallam	894	6	4	5	29	119	322	268	116	24	1
Port Angeles	314	4	3	2	14	49	105	93	36	7	1
Clark	3,356	8	11	30	105	431	1,116	1,053	438	110	4
Vancouver	1,120	5	2	10	43	151	411	338	127	31	2
Columbia	76				9	6	21	28	11	1	
Cowlitz	1,369	5	8	10	38	194	448	454	177	35	
Kelso	229	1	1	7	7	31	75	79	27	6	
Longview	567	2	5	6	19	92	183	166	75	19	
Douglas	381	2		1	8	54	133	131	41	9	2
Ferry	105			1	3	11	55	20	12	3	
Franklin	944	5	6	8	26	126	363	293	101	16	
Pasco	570	5	4	4	16	85	218	170	59	9	
Garfield	45		1	1		3	17	13	7	3	
Grant	961	3	5	10	33	122	339	303	117	28	1
Moses Lake	213			4	5	23	77	65	33	6	
Grays Harbor	1,170	3	4	16	45	158	391	377	149	25	2
Aberdeen	333	1	2	3	12	43	108	112	46	5	1
Island	778	4	7	7	13	83	239	283	111	30	1
Oak Harbor	276		1	2	2	32	84	90	52	13	
Jefferson	225		1	2	4	18	84	80	28	7	1
King	17,697	58	80	170	628	2,339	6,184	5,828	1,886	469	55
Auburn	590	1	3	6	12	90	197	201	58	21	1
Bellevue	830	3	1	8	18	99	285	310	87	19	
Kent	572		1	5	12	87	190	198	59	14	3
Kirkland	510	4	1	7	10	53	183	174	57	19	2
Mercer Island	145	1		2	9	20	41	49	17	6	
Redmond	404	6	1	1	10	48	121	154	50	13	
Renton	623		5	4	14	77	207	231	69	15	1
Seattle	6,489	19	30	82	265	931	2,412	1,974	591	156	29
Kitsap	2,568	16	11	24	77	316	887	880	287	62	8
Bremerton	878	4	3	9	30	107	322	281	95	24	3
Kittitas	349		1	1	3	46	121	137	37	3	
Ellensburg	171			1	1	22	54	72	19	2	
Klickitat	244	1		2	9	30	85	87	23	4	3
Lewis	969	6	3	17	22	133	347	309	99	32	1
Centralia	221		1	6	6	31	82	69	16	10	
Lincoln	132			2	1	21	49	39	17	3	
Mason	502	1	3	5	12	70	160	159	75	17	
Okanogan	608	8		9	23	71	233	178	74	12	
Pacific	271	1		4	10	34	95	84	34	9	
Pend Oreille	163			1	3	19	65	51	18	6	
Pierce	9,120	60	52	103	340	1,355	3,156	2,927	924	201	2
Puyallup	306	2	2	1	7	50	106	97	31	10	
Tacoma	3,032	24	24	38	122	475	1,075	927	286	59	2
San Juan	93				4	13	30	36	8	2	
Skagit	1,080		5	13	33	115	390	352	131	36	5
Mount Vernon	233			3	8	30	75	78	33	5	1
Skamania	146		1		4	19	47	52	19	4	
Snohomish	5,699	24	37	55	173	709	1,898	1,931	707	117	18
Edmonds	421	1	1	3	14	47	140	149	58	8	
Everett	1,169	5	8	10	48	147	409	379	136	25	2
Lynnwood	510	2	4	4	11	70	185	163	55	14	2
Mountlake Terrace	287	1		2	9	39	96	104	30	5	1
Spokane	5,537	29	30	39	166	723	1,973	1,821	612	142	2
Spokane (city)	2,864	21	19	25	89	398	1,044	889	314	64	1
Stevens	547	2		1	19	75	216	169	50	15	
Thurston	2,237	10	9	20	60	242	778	764	285	66	3
Lacey	262		1	4	7	24	95	93	32	6	
Olympia	660	3	1	7	19	70	231	223	81	23	2
Wahkiakum	43					4	15	17	4	3	
Walla Walla	695		2	12	24	92	252	223	72	17	1
Walla Walla (city)	418		2	7	21	59	143	138	36	11	1
Whatcom	1,661	3	7	14	53	197	560	549	208	61	9
Bellingham	636	3	5	8	22	76	211	207	76	24	4
Whitman	462	2	2	4	18	77	171	119	58	11	
Pullman	212	2	1	1	8	31	90	55	21	3	
Yakima	3,317	13	17	35	106	453	1303	1011	301	62	16
Yakima (city)	921	6	9	15	24	121	356	276	93	19	2

TABLE 9

LIVEBIRTHS BY RACE BY BIRTHWEIGHT, WASHINGTON STATE 1980

Birthweight in Grams	Total	White	Black	Mexican/ Chicano	Indian	Japan- ese	Chin- ese	Filipino	Other Asian	Other and Not Stated
State Total	67,857	58,059	2,695	2,331	1,588	417	289	629	1,608	241
1,000 and under	281	231	19	10	7	2		2	8	2
1,001 - 1,500	319	255	25	12	10			4	10	3
1,501 - 2,000	655	519	60	19	25	5		5	20	2
2,001 - 2,500	2,200	1,770	172	94	55	11	10	20	56	12
2,501 - 3,000	8,906	7,224	549	343	188	84	58	122	300	38
3,001 - 3,500	23,790	19,927	1,001	935	565	176	128	279	684	95
3,501 - 4,000	22,137	19,462	665	665	519	116	72	152	420	66
4,001 - 4,500	7,659	6,945	167	200	171	21	19	35	89	12
4,501 and over	1,775	1,624	31	44	45	1	1	9	18	2
Not Stated	135	102	6	9	3	1	1	1	3	9

TABLE 10

LIVEBIRTHS BY MOTHER'S AGE BY BIRTHWEIGHT, WASHINGTON STATE 1980

Birthweight in Grams	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Age Unk.
State Total	67,857	106	8,383	23,349	22,299	10,848	2,457	373	15	27
1,000 and under	281		49	86	81	48	11	5		1
1,001 - 1,500	319		67	113	80	45	9	5		
1,501 - 2,000	655	8	107	243	180	89	21	6	1	
2,001 - 2,500	2,200	9	353	755	652	318	94	14		5
2,501 - 3,000	8,906	9	1,378	3,228	2,681	1,241	319	45	2	3
3,001 - 3,500	23,790	35	3,248	8,524	7,645	3,464	745	113	7	9
3,501 - 4,000	22,137	33	2,427	7,529	7,509	3,713	804	110	3	9
4,001 - 4,500	7,659	11	634	2,371	2,778	1,483	326	55	1	
4,501 and over	1,775	1	99	457	658	420	121	18	1	
Not Stated	135		21	43	35	27	7	2		

TABLE 11

MULTIPLE LIVEBIRTHS AND IMMATURE LIVEBIRTHS
BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Sets of Twins	Sets of Triplets	2500 Grams and Under
STATE TOTAL	665	8	3,455
Adams	4		12
Asotin	1		9
Benton	14		97
Kennewick	7		41
Richland	4		25
Chelan	6		37
Wenatchee	1		18
Clallam	7		44
Port Angeles	5		23
Clark	34		154
Vancouver	12	1	60
Columbia	0		9
Cowlitz	13		61
Kelso	1		11
Longview	7		32
Douglas	5		11
Ferry	1		4
Franklin	6		45
Pasco	2		29
Garfield	1		2
Grant	11		51
Moses Lake	1		9
Grays Harbor	8		68
Aberdeen	1		18
Island	13		31
Oak Harbor	4		5
Jefferson	1		7
King	189	2	936
Auburn	6		22
Bellevue	8		30
Kent	6		21
Kirkland	4		22
Mercer Island	2		12
Redmond	3		18
Renton	6		23
Seattle	78		396
Kitsap	30		128
Bremerton	11		46
Kittitas	2		5
Ellensburg			2
Klickitat	0		12
Lewis	15	1	48
Centralia	4		13
Lincoln	0		3
Mason	4		21
Okanogan	2		40
Pacific	3		15
Pend Oreille	1		4
Pierce	88	1	555
Puyallup	2		12
Tacoma	32		208
San Juan	0		4
Skagit	11		51
Mount Vernon	2		11
Skamania	3		5
Snohomish	65	1	289
Edmonds	5		19
Everett	10		71
Lynnwood	3		21
Mountlake Terrace	6		12
Spokane	48		264
Spokane (city)	27		154
Stevens	5		22
Thurston	18		99
Lacey	2		12
Olympia	11		30
Wahkiakum	0		
Walla Walla	8		38
Walla Walla (city)	5		30
Whatcom	15		77
Bellingham	7		38
Whitman	7		26
Pullman	4		12
Yakima	26	1	171
Yakima (city)	6	1	54

MORTALITY

TABLE 12

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1980

A Residence, Race by Sex

		Male	Female	Unk
Total	32,012	17,297	14,700	15
White	30,623	16,464	14,145	14
Black	636	391	245	
Indian	357	211	145	1
Japanese	138	51	87	
Chinese	46	33	13	
Filipino	97	77	20	
Other and Not Stated	115	70	45	

B Residence, Marital Status by Sex

		Male	Female	Unk
Total	32,012	17,297	14,700	15
Single	3,873	2,557	1,312	4
Married	14,577	10,196	4,378	3
Divorced	2,832	1,709	1,122	1
Widowed	10,594	2,731	7,856	7
Not Stated	136	104	32	

C Residence, Age Group by Sex

		Male	Female	Unk
Total	32,012	17,297	14,700	15
Under 1	798	447	349	2
1 - 4	153	93	60	
5 - 14	168	113	55	
15 - 24	849	628	220	1
25 - 34	913	631	281	1
35 - 44	927	590	337	
45 - 54	1,891	1,188	703	
55 - 64	4,564	2,876	1,686	2
65 - 74	7,395	4,444	2,948	3
75 - 84	7,997	4,018	3,978	1
85 - 94	5,573	2,058	3,511	4
95 & Over	779	206	572	1
Unknown	5	5		

D Residence Infant Deaths by Race

Total	798
White	698
Black	44
Indian	31
Japanese	1
Chinese	2
Filipino	6
Other Non-white	16

TABLE 12 (Cont)

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1980

E Month by Residence and Occurance

	RES.	OCC.
Total	32,012	32,288
January	3,045	3,081
February	2,859	2,869
March	2,709	2,697
April	2,654	2,681
May	2,597	2,647
June	2,546	2,564
July	2,559	2,584
August	2,526	2,559
September	2,347	2,364
October	2,680	2,712
November	2,651	2,645
December	2,839	2,885

F Type of Place by Occurrence

Total	32,288
General Hospital	15,734
Nursing Home	7,610
Home	5,669
Federal Facility	1,226
Psychiatric Hospital	43
State Facility	20
Dead on Arrival	151
Other and Not Stated	1,835

G Residence by Leading Causes

	International List Number	Number of Deaths	Percent of Total Deaths
Total	391,3920,393-398,	32,012	100.0
1 Diseases of the Heart	402,404,410-417, 420-429	11,295	35.3
2 Malignant Neoplasms	140-208	6,987	21.8
3 Cerebrovascular Disease	430-438	2,846	8.9
4 All Accidents	E800-E949	2,015	6.3
5 Influenza and Pneumonia	480-487	1,021	3.2
6 Arteriosclerosis	440	671	2.1
7 Suicide	E950-E959	557	1.7
8 Diabetes Mellitus	250	508	1.6
9 Cirrhosis of Liver	571	482	1.5
10 Bronchitis, Emphysema, Asthma	466,490-493	446	1.4
ALL OTHER CAUSES		5,184	16.2

TABLE 13

DEATHS WITH RATES* BY PLACE OF RESIDENCE AND OCCURRENCE, WASHINGTON STATE, 1980

	Residence		Occurrence	
	Total	Rate	Total	Rate
STATE TOTAL	32,012	7.8	32,288	7.8
Adams	91	6.9	77	5.8
Asotin	171	10.2	144	8.6
Benton	592	5.4	557	5.1
Kennewick	215	6.3	215	6.3
Richland	218	6.5	258	7.7
Chelan	485	10.8	599	13.3
Wenatchee	272	15.8	451	26.1
Clallam	489	9.5	459	8.9
Port Angeles	242	14.0	324	18.7
Clark	1,281	6.7	1,216	6.3
Vancouver	617	14.4	1,048	24.5
Columbia	67	16.5	52	12.8
Cowlitz	667	8.4	691	8.7
Kelso	131	11.8	39	3.5
Longview	306	9.9	534	17.2
Douglas	136	6.1	60	2.7
Ferry	46	7.9	36	6.2
Franklin	202	5.8	162	4.6
Pasco	148	8.2	158	8.8
Garfield	23	9.3	24	9.7
Grant	371	7.6	290	6.0
Moses Lake	104	9.8	133	12.5
Grays Harbor	662	10.0	578	8.7
Aberdeen	195	10.4	398	21.2
Island	330	7.5	208	4.7
Oak Harbor	69	5.6	65	5.3
Jefferson	154	9.6	128	8.0
King	9,735	7.7	10,429	8.2
Auburn	198	7.5	246	9.3
Bellevue	425	5.8	378	5.1
Kent	143	6.2	97	4.2
Kirkland	203	10.8	370	19.7
Mercer Island	98	4.6	63	2.9
Redmond	107	4.6	208	8.9
Renton	247	8.1	468	15.3
Seattle	5,686	11.5	7,853	15.9
Kitsap	1,037	7.1	991	6.8
Bremerton	422	11.7	655	18.1
Kittitas	220	8.8	201	8.1
Ellensburg	99	8.4	155	13.2
Klickitat	138	8.7	109	6.9
Lewis	523	9.5	477	8.6
Centralia	176	16.3	230	21.3
Lincoln	96	10.0	82	8.5
Mason	235	7.5	176	5.6
Okanogan	268	8.7	233	7.6
Pacific	205	11.9	176	10.2
Pend Oreille	74	8.6	69	8.0
Pierce	3,681	7.6	3,815	7.9
Puyallup	206	11.3	507	27.8
Tacoma	1,789	11.3	2,968	18.7
San Juan	74	9.4	50	6.4
Skagit	671	10.5	715	11.1
Mount Vernon	148	11.4	280	21.5
Skamania	36	4.5	35	4.4
Snohomish	2,190	6.5	1,953	5.8
Edmonds	234	8.2	399	13.9
Everett	577	10.6	887	16.3
Lynnwood	148	6.6	80	3.5
Mountlake Terrace	65	3.9	20	1.2
Spokane	2,890	8.5	3,337	9.8
Spokane (city)	1,939	11.3	3,136	18.3
Stevens	210	7.2	171	5.9
Thurston	925	7.4	893	7.2
Lacey	136	9.8	101	7.2
Olympia	362	13.2	695	25.3
Wahkiakum	38	9.9	26	6.8
Walla Walla	443	9.3	562	11.8
Walla Walla (city)	299	11.7	511	19.9
Whatcom	799	7.5	805	7.5
Bellingham	423	9.2	652	14.2
Whitman	209	5.2	171	4.3
Pullman	44	1.9	52	2.2
Yakima	1,548	9.0	1,531	8.9
Yakima (city)	679	13.6	1,120	22.5

*Rates per 1,000 population

TABLE 14

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	Male	Female	Unknown	White	Black	Indian	Japanese	Chinese	Filipino	Other	Unknown
STATE TOTAL	32,012	17,297	14,700	15	30,623	636	357	138	46	97	74	41
Adams	91	48	43		90	1						
Asotin	171	80	91		168		3					
Benton	592	334	257	1	584	1	2	1			3	1
Kennewick	215	124	91		210		1				3	1
Richland	218	121	96	1	216	1		1				
Chelan	485	256	229		476	3	5					1
Wenatchee	272	134	138		267	2	3					
Clallam	489	274	215		473		14			1	1	
Port Angeles	242	133	109		237		3			1	1	
Clark	1,281	728	553		1,260	9	1	1	1	1	3	5
Vancouver	617	342	275		603	5	1		1		3	4
Columbia	67	36	31		66		1					
Cowlitz	667	363	303	1	662	2	2					1
Kelso	131	73	57	1	131							
Longview	306	160	146		302	2	2					
Douglas	136	77	59		136							
Ferry	46	28	18		34		12					
Franklin	202	117	85		195	5	1				1	
Pasco	148	78	70		142	5					1	
Garfield	23	8	15		23							
Grant	371	217	154		361	4	4	2				
Moses Lake	104	51	53		99	3	1	1				
Grays Harbor	662	367	295		642		16			2	1	1
Aberdeen	195	100	95		191		3			1		
Island	330	201	128	1	328	1						
Oak Harbor	69	47	22		68	1					1	
Jefferson	154	97	57		152	1	1					
King	9,735	5,054	4,678	3	9,022	395	77	102	41	61	29	8
Auburn	198	110	88		193	1	2	2				
Bellevue	425	218	207		412	4		2	4	2	1	
Kent	143	73	70		139	3			1			
Kirkland	203	103	100		198	3		1		1		
Mercer Island	98	47	51		92	1		4	1			
Redmond	107	63	44		104			1	1		1	
Renton	247	127	119	1	241	4	1					1
Seattle	5,686	2,904	2,781	1	5,072	369	55	79	31	53	23	4
Kitsap	1,037	559	478		1,004	10	8	2	1	9	3	
Bremerton	422	216	206		413	7			1	1		
Kittitas	220	139	81		217	1	2					
Ellensburg	99	57	42		99							
Klickitat	138	79	58	1	133		5					
Lewis	523	283	239	1	520	1				2		
Centralia	176	80	96		174	1				1		
Lincoln	96	56	40		94		2					
Mason	235	138	97		225	1	8					1
Okanogan	268	159	109		248		19			1		
Pacific	205	114	91		204	1						
Pend Oreille	74	50	24		74							
Pierce	3,681	2,018	1,662	1	3,478	125	28	13		13	19	5
Puyallup	206	103	103		203		2			1		
Tacoma	1,789	923	865	1	1,656	91	15	9		5	8	5
San Juan	74	45	29		71		1					2
Skagit	671	362	308	1	651		16	1				3
Mount Vernon	148	78	70		145			1				2
Skamania	36	27	9		35			1				
Snohomish	2,190	1,171	1,015	4	2,162	10	9	1		1	5	2
Edmonds	234	132	102		234							
Everett	577	276	298	3	569	5	2					1
Lynnwood	148	75	73		145					1	2	
Mountlake Terrace	65	32	33		62		1				2	
Spokane	2,890	1,551	1,339		2,822	33	17	7	2		6	3
Spokane (city)	1,939	1,024	915		1,880	29	14	6	2		6	2
Stevens	210	125	85		192		18					
Thurston	925	462	463		914		1	3		1	2	1
Lacey	136	57	79		135			1				
Olympia	362	180	182		358		2	1			1	
Wahkiakum	38	25	13		37		1					
Walla Walla	443	223	220		436	5	1	1				
Walla Walla (city)	299	147	152		293	5	1					
Whatcom	799	424	375		779		17					3
Bellingham	423	199	224		417		4					2
Whitman	209	107	102		207		1		1			
Pullman	44	24	20		43				1			
Yakima	1,548	895	652	1	1,448	27	61	3		5		4
Yakima (city)	679	366	313		650	17	9					3

TABLE 15

DEATHS BY AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	Under 1 Yr	1 - 4 Yrs	5 - 14 Yrs	15-24 Yrs	25-34 Yrs	35-44 Yrs	45-54 Yrs	55-64 Yrs	65-74 Yrs	75-84 Yrs	85 and Over	Age Unk
STATE TOTAL	32,012	798	153	168	849	913	927	1,891	4,564	7,395	7,997	6,352	5
Adams	91	3			1	1	3	6	13	19	29	20	
Asotin	171	2	1	2	10	7	3	7	18	31	48	42	
Benton	592	17	7	3	27	32	23	49	99	116	134	85	
Kennewick	215	8	6	1	11	18	8	16	37	41	45	24	
Richland	218	2		2	9	6	7	19	43	41	58	31	
Chelan	485	3			5	8	13	25	66	116	131	118	
Wenatchee	272	1			3	6	6	13	36	55	78	74	
Clallam	489	18	2	4	7	14	9	27	85	107	121	95	
Port Angeles	242	11			1	2	4	9	42	56	60	57	
Clark	1,281	41	11	9	45	33	47	67	190	290	304	244	
Vancouver	617	13	1	1	17	16	21	24	95	151	157	121	
Columbia	67	2					1	5	13	10	26	10	
Cowlitz	667	13	4	4	25	22	18	36	96	172	163	114	1
Kelso	131	2	2		2	2	4	3	20	30	43	23	
Longview	306	7		3	12	11	4	12	44	77	82	54	
Douglas	136	7		1	3	5	4	6	10	39	40	21	
Ferry	46	1	1		2	3	3	1	5	14	9	7	
Franklin	202	9	4	1	8	15	7	14	47	35	41	21	
Pasco	148	6	3	1	4	11	3	10	28	29	33	20	
Garfield	23	1			1		2	1	2	1	6	9	
Grant	371	5	8	5	12	11	12	21	71	93	84	49	
Moses Lake	104	4	2	2	2	5	4	6	17	23	26	13	
Grays Harbor	662	10	4	5	15	20	15	39	110	160	161	123	
Aberdeen	195	2	1		3	6	2	10	34	48	64	45	
Island	330	8	2	3	10	17	12	17	51	85	69	56	
Oak Harbor	69	2	2		3	8	2	3	11	12	18	8	
Jefferson	154	3		3	6	7	4	11	21	40	42	17	
King	9,735	185	29	38	242	297	263	627	1,415	2,153	2,459	2,031	
Auburn	198	4			9	3	2	11	25	44	51	49	
Bellevue	425	3	1		17	11	23	37	87	84	95	67	
Kent	143	5	1	1	8	8	5	13	28	25	26	23	
Kirkland	203	6		2	6	8	7	13	24	32	55	50	
Mercer Island	98	1			3	1	2	5	12	18	35	21	
Redmond	107	8	2		4	4	2	5	15	22	28	17	
Renton	247	7	1		7	8	8	30	44	50	49	43	
Seattle	5,686	89	5	18	72	166	132	332	757	1,315	1,545	1,256	
Kitsap	1,037	41	6	7	21	24	32	57	136	254	263	196	
Bremerton	422	13		3	6	8	14	28	58	97	108	87	
Kittitas	220	1	2		6	1	3	7	20	64	61	55	
Ellensburg	99				3			1	9	25	34	26	
Klickitat	138	6	1	4	5	2	4	6	15	33	38	24	
Lewis	523	16	3	2	7	10	17	22	68	122	140	116	
Centralia	176	4	2		2		6	2	22	37	54	47	
Lincoln	96		1		1	1	2	6	8	17	30	30	
Mason	235	6	2	1	6	14	6	14	36	71	55	24	
Okanogan	268	11	3	3	11	9	7	11	31	78	68	36	
Pacific	205	1	1		4	3	2	13	33	54	58	36	
Pend Oreille	74			1	1	1	3	5	15	27	13	8	
Pierce	3,681	123	19	17	98	102	126	240	546	874	870	666	
Puyallup	206	4	1	2	5	6	6	8	20	45	57	52	
Tacoma	1,789	47	5	4	37	41	42	104	245	406	469	389	
San Juan	74	1	1		1	1	4	1	11	22	15	17	
Skagit	671	4	4	7	17	11	25	28	84	186	175	130	
Mount Vernon	148	1	1	1	2	2	6	8	16	43	45	23	
Skamania	36				1	2		3	2	13	9	6	
Snohomish	2,190	66	6	11	74	50	70	145	332	500	520	415	1
Edmonds	234	7	1		2		6	18	35	45	69	51	
Everett	577	21	2	2	9	10	14	27	77	128	165	122	
Lynnwood	148	9	1	1	4	6	3	15	19	40	29	21	
Mountlake Terrace	65	1			2	3	2	4	14	16	12	11	
Spokane	2,890	72	11	15	64	74	74	153	410	644	733	639	1
Spokane (city)	1,939	45	7	7	34	51	36	75	277	435	527	444	1
Stevens	210	6	3	1	6	10	9	10	25	38	62	40	
Thurston	925	28	4	3	25	26	35	57	131	223	217	176	
Lacey	136	2			3	3	2	5	12	28	40	41	
Olympia	362	11	1	2	10	10	13	19	46	99	81	70	
Wahkiakum	38				1	1		2	5	9	9	11	
Walla Walla	443	11	2	1	10	9	11	24	43	87	121	124	
Walla Walla (city)	299	6	2	1	9	6	8	10	33	61	80	83	
Whatcom	799	22	4	7	19	25	14	39	91	179	212	187	
Bellingham	423	12		1	3	6	9	26	40	92	121	113	
Whitman	209	4	1	1	2	6	5	10	18	50	53	59	
Pullman	44	3			1	2		4	6	10	11	7	
Yakima	1,548	51	6	9	50	39	39	79	193	369	416	295	2
Yakima (city)	679	15	2	3	19	19	17	32	87	143	185	159	

TABLE 16

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Diseases of the Heart		Malignant Neoplasms		Cerebrovascular Disease		Arteriosclerosis	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	11,295	273.5	6,987	169.2	2,846	68.9	671	16.2
Adams	35	263.8	23	173.4	7	52.8	5	37.7
Asotin	62	368.5	32	190.2	10	59.4	5	29.7
Benton	165	150.8	139	127.0	50	45.7	6	5.5
Kennewick	48	139.5	50	145.4	20	58.1	5	14.5
Richland	59	175.7	59	175.7	21	62.5	1	3.0
Chelan	193	428.3	116	257.4	47	104.3	11	24.4
Wenatchee	113	654.8	64	370.9	22	127.5	6	34.8
Clallam	108	164.0	98	189.7	40	77.4	17	13.6
Port Angeles	93	537.2	45	260.0	23	132.9	6	34.7
Clark	495	257.5	261	135.8	115	59.8	22	11.4
Vancouver	234	546.3	123	287.2	66	154.1	15	35.0
Columbia	23	566.9	13	320.4	11	271.1	-	.0
Cowlitz	271	340.7	145	182.3	54	67.9	10	12.6
Kelso	60	539.1	22	197.7	12	107.8	2	18.0
Longview	116	373.6	72	231.9	25	80.5	7	22.5
Douglas	43	194.2	33	149.0	14	63.2	3	13.5
Ferry	14	240.9	9	154.9	3	51.6	-	.0
Franklin	66	188.4	48	137.0	11	31.4	-	.0
Pasco	51	284.2	31	172.8	8	44.6	-	.0
Garfield	7	283.6	6	243.1	1	40.5	1	40.5
Grant	135	278.2	91	187.5	28	57.7	2	4.1
Moses Lake	39	366.9	21	197.6	8	75.3	2	18.8
Grays Harbor	238	358.9	140	211.1	69	104.1	13	19.6
Aberdeen	75	400.2	37	197.4	25	133.4	7	37.4
Island	106	240.6	73	165.7	29	65.8	9	20.4
Oak Harbor	23	187.4	15	122.2	5	40.7	-	.0
Jefferson	44	275.6	41	256.8	15	94.0	-	.0
King	3,379	266.1	2,166	170.6	863	68.0	164	12.9
Auburn	80	303.0	28	106.0	18	68.2	8	30.3
Bellevue	126	170.5	127	171.8	34	46.0	9	12.2
Kent	48	207.3	28	120.9	12	51.8	1	4.3
Kirkland	59	314.2	49	260.9	20	106.5	11	58.6
Mercer Island	32	188.7	26	120.8	5	23.2	2	9.3
Redmond	26	111.5	32	137.2	8	34.3	1	4.3
Renton	90	294.0	51	166.6	20	65.3	5	16.3
Seattle	1,020	409.0	1,224	247.9	534	108.1	77	15.6
Kitsap	403	274.9	215	146.6	59	40.2	12	8.2
Bremerton	169	466.7	88	243.0	25	69.0	4	11.0
Kittitas	93	373.8	36	144.7	17	68.3	3	12.1
Ellensburg	33	280.7	20	170.1	11	93.6	2	17.0
Klickitat	41	259.1	24	151.7	15	94.8	8	50.6
Lewis	180	325.6	104	188.1	65	117.6	13	23.5
Centralia	54	499.6	39	360.8	24	222.0	4	37.0
Lincoln	37	385.3	19	197.8	11	114.5	3	31.2
Mason	83	266.2	55	176.4	16	51.3	1	3.2
Okanogan	89	290.5	55	179.5	21	68.5	1	3.3
Pacific	76	440.9	43	249.5	26	150.8	1	5.8
Pend Oreille	30	349.7	18	209.8	3	35.0	-	.0
Pierce	1,284	264.4	796	163.9	346	71.2	99	20.4
Puyallup	83	454.8	44	241.1	18	98.6	3	16.4
Tacoma	632	398.7	356	224.6	196	123.7	57	36.0
San Juan	22	280.7	18	229.7	9	114.8	1	12.8
Skagit	266	414.7	161	251.0	57	88.9	8	12.5
Mount Vernon	73	561.1	27	207.5	18	138.4	2	15.4
Skamania	14	176.8	10	126.3	4	50.5	-	.0
Snohomish	736	218.4	475	140.9	161	47.8	87	25.8
Edmonds	90	313.5	49	170.7	25	87.1	8	27.9
Everett	182	334.5	115	211.3	35	64.3	51	93.7
Lynnwood	39	172.8	30	132.9	12	53.2	4	17.7
Mountlake Terrace	23	139.1	9	54.4	9	54.4	1	6.0
Spokane	1,009	295.2	660	193.1	256	74.9	74	21.6
Spokane (city)	703	410.4	413	241.1	183	106.8	46	26.9
Stevens	58	200.1	43	148.4	13	44.9	9	31.1
Thurston	325	261.5	216	173.8	79	63.6	20	16.1
Lacey	56	401.7	33	236.7	16	114.8	3	21.5
Olympia	122	444.5	85	309.7	31	112.9	7	25.5
Wahkiakum	18	469.7	7	182.7	5	130.5	2	52.2
Walla Walla	158	332.1	83	175.0	58	122.3	15	31.6
Walla Walla (city)	108	421.6	51	199.1	40	156.1	8	31.2
Whatcom	265	248.4	172	161.2	81	75.9	37	34.7
Bellingham	138	301.3	94	205.3	52	113.6	24	52.4
Whitman	65	162.1	43	107.2	25	62.3	6	15.0
Pullman	9	38.2	14	59.4	5	21.2	1	4.2
Yakima	579	335.6	300	173.9	152	88.1	13	7.5
Yakima (city)	260	521.8	126	252.9	80	160.6	8	16.1

*Rate per 100,000 estimated population.

TABLE 17

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Influenza and Pneumonia Number	Rate	Diabetes Mellitus Number	Rate	Congenital Malformations Number	Rate	Certain Causes of Mortality in Early Infancy Number	Rate
STATE TOTAL	1021	24.7	508	12.3	240	5.8	370	9.0
Adams	3	22.6	3	22.6	-	.0	1	7.5
Asotin	1	5.9	2	11.9	2	11.9	1	5.9
Benton	16	14.6	13	11.9	8	7.3	10	9.1
Kennewick	4	11.6	5	14.5	5	14.5	5	14.5
Richland	6	17.9	5	14.9	1	3.0	1	3.0
Chelan	9	20.0	5	11.1	3	6.7	1	2.2
Wenatchee	5	29.0	4	23.2	1	5.8	-	.0
Clallam	17	32.9	10	19.4	2	3.9	9	17.4
Port Angeles	9	52.0	5	28.9	-	.0	7	40.4
Clark	27	14.0	17	8.8	15	7.8	13	6.8
Vancouver	17	39.7	11	25.7	7	16.3	4	9.3
Columbia	-	.0	1	24.6	2	49.3	-	.0
Cowlitz	12	15.1	11	13.8	4	5.0	10	12.6
Kelso	4	35.9	4	35.9	2	18.0	1	9.0
Longview	7	22.5	7	22.5	1	3.2	6	19.3
Douglas	4	18.1	2	9.0	-	.0	2	9.0
Ferry	1	17.2	-	.0	1	17.2	-	.0
Franklin	2	5.7	4	11.4	3	8.6	5	14.3
Pasco	2	11.1	2	11.1	3	16.7	3	16.7
Garfield	-	.0	-	.0	-	.0	-	.0
Grant	6	12.4	7	14.4	3	6.2	2	4.1
Moses Lake	1	9.4	1	9.4	1	9.4	1	9.4
Grays Harbor	18	27.1	9	13.6	4	6.0	5	7.5
Aberdeen	6	32.0	3	16.0	1	5.3	2	10.7
Island	4	9.1	5	11.4	2	4.5	5	11.4
Oak Harbor	-	.0	3	24.4	-	.0	2	16.3
Jefferson	4	25.1	2	12.5	-	.0	-	.0
King	400	31.5	152	12.0	63	5.0	85	6.7
Auburn	4	15.1	4	15.1	1	3.8	2	7.6
Bellevue	13	17.6	6	8.1	-	.0	3	4.1
Kent	7	30.2	-	.0	1	4.3	2	8.6
Kirkland	11	58.6	3	16.0	-	.0	4	21.3
Mercer Island	5	23.2	1	4.6	-	.0	1	4.6
Redmond	4	17.2	2	8.6	3	12.9	1	4.3
Renton	10	32.7	3	9.8	3	9.8	3	9.8
Seattle	265	53.7	94	19.0	29	5.9	40	8.1
Kitsap	33	22.5	16	10.9	8	5.5	22	15.0
Bremerton	11	30.4	5	13.8	2	5.5	9	24.9
Kittitas	10	40.2	3	12.1	-	.0	1	4.0
Ellensburg	6	51.0	2	17.0	-	.0	-	.0
Klickitat	2	12.6	-	.0	3	19.0	1	6.3
Lewis	14	25.3	10	18.1	5	9.0	7	12.7
Centralia	8	74.0	5	46.3	1	9.3	2	18.5
Lincoln	3	31.2	1	10.4	-	.0	-	.0
Mason	10	32.1	2	6.4	-	.0	3	9.6
Okanogan	10	32.6	4	13.1	1	3.3	8	26.1
Pacific	7	40.6	5	29.0	1	5.8	-	.0
Pend Oreille	1	11.7	1	11.7	-	.0	-	.0
Pierce	83	17.1	59	12.1	38	7.8	59	12.1
Puyallup	7	38.4	1	5.5	2	11.0	2	11.0
Tacoma	43	27.1	28	17.7	16	10.1	25	15.8
San Juan	4	51.0	1	12.8		.0	1	12.8
Skagit	21	32.7	10	15.6	2	3.1	1	1.6
Mount Vernon	3	23.1	-	.0	1	7.7	-	.0
Skamania	-	.0	1	12.6	-	.0	-	.0
Snohomish	85	25.2	32	9.5	18	5.3	33	9.8
Edmonds	10	34.8	3	10.4	2	7.0	4	13.9
Everett	25	45.9	12	22.1	5	9.2	9	16.5
Lynnwood	5	22.2	1	4.4	2	8.9	5	22.2
Mountlake Terrace	2	12.1	2	12.1	-	.0	1	6.0
Spokane	79	23.1	48	14.0	22	6.4	28	8.2
Spokane (city)	54	31.5	29	16.9	17	9.9	17	9.9
Stevens	7	24.2	4	13.8	2	6.9	-	.0
Thurston	19	15.3	17	13.7	6	4.8	15	12.1
Lacey	3	21.5	-	.0	-	.0	1	7.2
Olympia	11	40.1	7	25.5	2	7.3	6	21.9
Wahkiakum	1	26.1	1	26.1	-	.0	-	.0
Walla Walla	13	27.4	7	14.8	3	6.3	4	8.4
Walla Walla (city)	10	39.0	4	15.6	3	11.7	2	7.8
Whatcom	31	29.1	11	10.3	7	6.6	10	9.4
Bellingham	20	43.7	6	13.1	5	10.9	7	15.3
Whitman	7	17.5	4	10.0	-	.0	2	5.0
Pullman	2	8.5	-	.0	-	.0	2	8.5
Yakima	57	33.0	28	16.2	12	7.0	26	15.1
Yakima (city)	24	48.2	7	14.0	4	8.0	7	14.0

*Rates per 100,000 estimated population

TABLE 18

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Bronchitis, Emphysema and Asthma		Alcoholism		Cirrhosis of the Liver				Chronic and Unspecified Nephritis	
					With Mention of Alcoholism	Without Mention of Alcoholism	Total			
	Number	Rate	Number	Rate	Number	Number	Number	Rate	Number	Rate
STATE TOTAL	446	10.8	94	2.3	258	224	482	11.7	26	.6
Adams	1	7.5	-	.0			-	.0	-	.0
Asotin	3	17.8	-	.0	2	1	3	17.8	2	11.9
Benton	8	7.3	-	.0	5	3	8	7.3	1	.9
Kennewick	4	11.6	-	.0	1	1	2	5.8	-	.0
Richland	2	6.0	-	.0	2	1	3	8.9	-	.0
Chelan	3	6.7	-	.0	3	3	6	13.3	-	.0
Wenatchee	2	11.6	-	.0	1	1	2	11.6	-	.0
Clallam	1	1.9	2	3.9	4	1	5	9.7	-	.0
Port Angeles	1	5.8	1	5.8	2	1	3	17.3	-	.0
Clark	16	8.3	6	3.1	4	3	7	3.6	-	.0
Vancouver	8	18.7	3	7.0	1	1	2	4.7	-	.0
Columbia	1	24.6	-	.0	1	1	2	49.3	-	.0
Cowlitz	8	10.1	2	2.5	2	4	6	7.5	-	.0
Kelso	4	35.9	-	.0		3	3	27.0	-	.0
Longview	2	6.4	1	3.2	1	1	2	6.4	-	.0
Douglas	2	9.0	-	.0	1	1	2	9.0	-	.0
Ferry	-	.0	-	.0			-	.0	-	.0
Franklin	8	22.8	-	.0	2	2	4	11.4	-	.0
Pasco	7	39.0		.0	2	2	4	22.3	1	5.6
Garfield	-	.0	-	.0		1	1	40.5	-	.0
Grant	6	12.4	2	4.1	5	2	7	14.4	1	2.1
Moses Lake	3	28.2	-	.0	3	1	4	37.6	1	9.4
Grays Harbor	6	9.0	2	3.0	3	6	9	13.6	1	1.5
Aberdeen	1	5.3	1	5.3	1	1	2	10.7	-	.0
Island	6	13.6	-	.0	2		2	4.5	-	.0
Oak Harbor	-	.0	-	.0	1		1	8.1	-	.0
Jefferson	1	6.3	1	6.3	3	1	4	25.1	-	.0
King	123	9.7	24	1.9	85	87	172	13.5	11	.9
Auburn	4	15.1	-	.0	2	2	4	15.1	1	3.8
Bellevue	4	5.4	1	1.4	5	2	7	9.5	-	.0
Kent	1	4.3	-	.0		1	1	4.3	-	.0
Kirkland	2	10.7	1	5.3		2	2	10.7	-	.0
Mercer Island	-	.0	-	.0			-	.0	-	.0
Redmond	2	8.6	-	.0			-	.0	1	4.3
Renton	6	19.6	1	3.3	3	3	6	19.6	-	.0
Seattle	65	13.2	15	3.0	60	56	116	23.5	6	1.2
Kitsap	15	10.2	5	3.4	8	5	13	8.9	1	.7
Bremerton	7	19.3	3	8.3	4	4	8	22.1	-	.0
Kittitas	2	8.0	-	.0	3	1	4	16.1	-	.0
Ellensburg	-	.0	-	.0	2		2	17.0	-	.0
Klickitat	2	12.6	2	12.6	1	2	3	19.0	-	.0
Lewis	5	9.0	2	3.6	2	2	4	7.2	-	.0
Centralia	-	.0	-	.0	1	1	2	18.5	-	.0
Lincoln	-	.0	-	.0	1		1	10.4	1	10.4
Mason	3	9.6	2	6.4	3	3	6	19.2	-	.0
Okanogan	4	13.1	-	.0		2	2	6.5	1	3.3
Pacific	2	11.6	1	5.8	1		1	5.8	-	.0
Pend Oreille	2	23.3	1	11.7	1	1	2	23.3	-	.0
Pierce	61	12.6	14	2.9	39	31	70	14.4	-	.0
Puyallup	2	11.0	-	.0	4	2	6	32.9	-	.0
Tacoma	28	17.7	11	6.9	18	17	35	22.1	-	.0
San Juan	-	.0	-	.0			-	.0	-	.0
Skagit	6	9.4	2	3.1	7	4	11	17.2	-	.0
Mount Vernon	1	7.7	-	.0	2	1	3	23.1	-	.0
Skamania	1	12.6	-	.0			-	.0	-	.0
Snohomish	27	8.0	9	2.7	8	20	28	8.3	1	.3
Edmonds	5	17.4	-	.0		2	2	7.0	-	.0
Everett	10	18.4	4	7.4	2	6	8	14.7	1	1.8
Lynnwood	2	8.9	-	.0	3	1	4	17.7	-	.0
Mountlake Terrace	2	12.1	-	.0		1	1	6.0	-	.0
Spokane	42	12.3	2	.6	29	15	44	12.9	2	.6
Spokane (city)	28	16.3	1	.6	25	10	35	20.4	2	1.2
Stevens	3	10.4	-	.0	4		4	13.8	-	.0
Thurston	23	16.5	7	5.6	9	3	12	9.7	1	.8
Lacey	2	14.3	1	7.2			-	.0	-	.0
Olympia	10	36.4	4	14.6	4	2	6	21.9	-	.0
Wahkiakum	-	.0	-	.0		1	1	26.1	-	.0
Walla Walla	7	14.8	1	2.1	2	1	3	6.3	-	.0
Walla Walla (city)	6	23.4	-	.0	2	1	3	11.7	-	.0
Whatcom	5	4.7	4	3.7	1	4	5	4.7	-	.0
Bellingham	2	4.4	3	6.6		2	2	4.4	-	.0
Whitman	7	17.5	-	.0	2	1	3	7.5	-	.0
Pullman	2	8.5	-	.0		1	1	4.2	-	.0
Yakima	36	20.9	3	1.7	15	12	27	15.7	2	
Yakima (City)	21	42.1	1	2.0	10	4	14	28.1	2	4.0

*Rate per 100,000 estimated population

TABLE 19

DEATHS BY CERTAIN INFECTIVE AND PARASITIC DISEASES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	Tuberculosis All Forms	Septicaemia and Pyemia	All Other Causes
STATE TOTAL	236	23	112	101
Adams	0			
Asotin	3		2	1
Benton	7		4	3
Kennewick	3		2	1
Richland	2			2
Chelan	1			1
Wenatchee	1			1
Clallam	3		2	1
Port Angeles	2		1	1
Clark	13	1	6	6
Vancouver	5	1	2	2
Columbia	1	1		
Cowlitz	3		2	1
Kelso	1		1	
Longview	2		1	1
Douglas	1		1	
Ferry	1	1		
Franklin	0			
Pasco	0			
Garfield	0			
Grant	1			1
Moses Lake	0			
Grays Harbor	2	1	1	
Aberdeen	1		1	
Island	2		2	
Oak Harbor	1		1	
Jefferson	1		1	
King	60	4	37	27
Auburn	3		1	2
Bellevue	3		1	2
Kent	1		1	
Kirkland	2		1	1
Mercer Island	2		1	1
Redmond	1		1	
Renton	2		1	1
Seattle	36	3	22	11
Kitsap	5	1	1	3
Bremerton	1			1
Kittitas	2	1		1
Ellensburg	1	1		
Klickitat	0			
Lewis	5	1	4	
Centralia	4	1	3	
Lincoln	1		1	
Mason	2		1	1
Okanogan	0			
Pacific	1		1	
Pend Oreille	0			
Pierce	31	6	14	11
Puyallup	1			1
Tacoma	19	5	8	6
San Juan	1		1	
Skagit	1			1
Mount Vernon	0			
Skamania	1			1
Snohomish	14	1	9	4
Edmonds	0			
Everett	2		2	
Lynnwood	2		1	1
Mountlake Terrace	1		1	
Spokane	32		10	22
Spokane (city)	23		7	16
Stevens	3		1	2
Thurston	5	1	1	3
Lacey	1			1
Olympia	1			1
Wahkiakum	0			
Walla Walla	3	2		1
Walla Walla (city)	1	1		
Whatcom	8	1	2	5
Bellingham	2			2
Whitman	0			
Pullman	0			
Yakima	14	1	8	5
Yakima (city)	4		3	1

TABLE 20

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	All Accidents Number	Rate	Motor Vehicle Number	Rate	Falls Number	Rate	Drowning Number	Rate	Fires Number	Rate	All Other Accidents Number	Rate
STATE TOTAL	2,015	48.8	1,082	26.2	264	6.4	150	3.6	118	2.9	401	9.7
Adams	4	30.1	4	30.1	-	.0	-	.0	-	.0	-	.0
Asotin	16	95.4	10	59.4	1	5.9	1	5.9	-	.0	4	23.8
Benton	98	53.0	39	35.6	2	1.8	6	5.5	2	1.8	9	8.2
Kennewick	29	84.3	17	49.4	2	5.8	4	11.6	1	2.9	5	14.5
Richland	17	50.6	14	41.7	-	.0	1	3.0	1	3.0	1	3.0
Chelan	24	53.3	8	17.8	8	17.8	1	2.2	2	4.4	5	11.1
Wenatchee	10	57.9	2	11.6	5	29.0	-	.0	-	.0	3	17.4
Clallam	30	58.1	16	31.0	5	9.7	1	1.9	1	1.9	7	13.6
Port Angeles	9	52.0	5	28.9	3	17.3	-	.0	-	.0	1	5.8
Clark	94	48.9	61	31.7	7	3.6	9	4.7	2	1.0	15	7.8
Vancouver	36	84.0	22	51.4	5	11.7	3	7.0	1	2.3	5	11.7
Columbia	1	24.6	-	.0	-	.0	-	.0	-	.0	1	24.6
Cowlitz	51	64.1	23	28.9	6	7.5	5	6.3	1	1.3	16	20.1
Kelso	5	44.9	1	9.0	1	9.0	-	.0	-	.0	3	27.0
Longview	18	58.0	9	29.0	4	12.9	1	3.2	-	.0	4	12.9
Douglas	8	36.1	4	18.1	1	4.5	-	.0	-	.0	3	13.5
Ferry	8	137.7	5	86.0	-	.0	-	.0	-	.0	3	51.6
Franklin	24	68.5	18	51.4	3	8.6	-	.0	1	2.9	2	5.7
Pasco	16	89.2	13	72.4	1	5.6	-	.0	1	5.6	1	5.6
Garfield	5	202.6	4	162.1	-	.0	-	.0	1	40.5	-	.0
Grant	34	70.1	20	41.2	2	4.1	4	8.2	-	.0	8	16.5
Moses Lake	7	65.9	4	37.6	1	9.4	1	9.4	-	.0	1	9.4
Grays Harbor	50	75.4	28	42.2	5	7.5	5	7.5	2	3.0	10	15.1
Aberdeen	15	80.0	5	26.7	4	21.3	1	5.3	2	10.7	3	16.0
Island	30	68.1	10	22.7	4	9.1	3	6.8	-	.0	13	29.5
Oak Harbor	11	89.6	2	16.3	1	8.1	-	.0	-	.0	8	65.2
Jefferson	14	87.7	10	62.6	-	.0	3	18.8	-	.0	1	6.3
King	530	41.7	248	19.5	106	8.3	39	3.1	35	2.8	102	8.0
Auburn	14	53.0	10	37.9	-	.0	1	3.8	2	7.6	1	3.8
Bellevue	19	25.7	10	13.5	3	4.1	1	1.4	1	1.4	4	5.4
Kent	11	47.5	7	30.2	-	.0	1	4.3	-	.0	3	13.0
Kirkland	11	58.6	7	37.3	1	5.3	-	.0	1	5.3	2	10.7
Mercer Island	5	23.2	2	9.3	-	.0	1	4.6	-	.0	2	9.3
Redmond	7	30.0	4	17.2	2	8.6	-	.0	-	.0	1	4.3
Renton	13	42.5	9	29.4	-	.0	-	.0	-	.0	4	13.1
Seattle	243	49.2	82	16.6	71	14.4	19	3.8	26	5.3	45	9.1
Kitsap	52	35.5	26	17.7	6	4.1	7	4.8	5	3.4	8	5.5
Bremerton	14	38.7	5	13.8	4	11.0	2	5.5	-	.0	3	8.3
Kittitas	18	72.4	12	48.2	4	16.1	-	.0	-	.0	2	8.0
Ellensburg	7	59.5	32	25.5	3	25.5	-	.0	-	.0	1	8.5
Klickitat	17	107.4	5	31.6	4	25.3	1	6.3	4	25.3	3	19.0
Lewis	22	39.8	12	21.7	1	1.8	2	3.6	3	5.4	4	7.2
Centralia	4	37.0	2	18.5	-	.0	1	9.3	1	9.3	-	.0
Lincoln	5	52.1	4	41.6	-	.0	1	10.4	-	.0	-	.0
Mason	18	57.7	8	25.7	2	6.4	1	3.2	2	6.4	5	16.0
Okanogan	27	88.1	15	49.0	3	9.8	1	3.3	5	16.3	3	9.8
Pacific	17	98.6	11	63.8	-	.0	4	23.2	-	.0	2	11.6
Pend Oreille	10	116.6	6	69.9	1	11.7	-	.0	-	.0	3	35.0
Pierce	227	46.7	122	25.1	24	4.9	20	4.1	8	1.6	53	10.9
Puyallup	11	60.3	6	32.9	2	11.0	2	11.0	-	.0	1	5.5
Tacoma	102	64.4	50	31.5	13	8.2	5	3.2	5	3.2	29	18.3
San Juan	8	102.1	5	63.8	1	12.8	1	12.8	-	.0	1	12.8
Skagit	44	68.6	22	34.3	1	1.6	4	6.2	4	6.2	13	20.3
Mount Vernon	10	76.9	4	30.7	-	.0	-	.0	1	7.7	5	38.4
Skamania	2	25.3	1	12.6	-	.0	-	.0	-	.0	1	12.6
Snohomish	155	46.0	100	29.7	15	4.5	11	3.3	6	1.8	23	6.8
Edmonds	9	31.3	5	17.4	1	3.5	2	7.0	-	.0	1	3.5
Everett	29	53.3	20	36.8	2	3.7	1	1.8	1	1.8	5	9.2
Lynnwood	12	53.2	7	31.0	2	8.9	1	4.4	1	4.4	1	4.4
Mountlake Terrace	3	18.1	1	6.0	1	6.0	1	6.0	-	.0	-	.0
Spokane	156	45.6	86	25.2	22	6.4	7	2.0	10	2.9	31	9.1
Spokane (city)	90	52.5	45	26.3	17	9.9	5	2.9	5	2.9	18	10.5
Stevens	23	79.4	16	55.2	1	3.5	2	6.9	-	.0	4	13.8
Thurston	53	42.7	23	18.5	7	5.6	3	2.4	6	4.8	14	11.3
Lacey	2	14.3	1	7.2	-	.0	1	7.2	-	.0	-	.0
Olympia	22	80.2	7	25.5	3	10.9	-	.0	3	10.9	9	32.8
Wahkiakum	2	52.2	2	52.2	-	.0	-	.0	-	.0	-	.0
Walla Walla	23	48.5	14	29.5	3	6.3	1	2.1	1	2.1	4	8.4
Walla Walla (city)	17	66.4	11	42.9	2	7.8	1	3.9	-	.0	3	11.7
Whatcom	49	45.9	26	24.4	5	4.7	3	2.8	9	8.4	6	5.6
Bellingham	14	30.6	5	10.9	3	6.6	1	2.2	2	4.4	3	6.6
Whitman	16	39.9	10	24.9	3	7.5	1	2.5	-	.0	2	5.0
Pullman	1	4.2	1	4.2	-	.0	-	.0	-	.0	-	.0
Yakima	90	52.2	48	27.8	11	6.4	3	1.7	8	4.6	20	11.6
Yakima (city)	40	80.3	20	40.1	7	14.0	-	.0	2	4.0	11	22.1

*Rate per 100,000 estimated population.

TABLE 21

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1980

County and City	All Accidents Number	All Accidents Rate	Motor Vehicle Number	Motor Vehicle Rate	Falls Number	Falls Rate	Drowning Number	Drowning Rate	Fire Number	Fire Rate	All Other Accidents Number	All Other Accidents Rate
STATE TOTAL	2,013	48.7	1,059	25.6	272	6.6	143	3.5	118	2.9	421	10.2
Adams	4	30.1	3	22.6	-	.0	-	.0	-	.0	1	7.5
Asotin	10	59.4	8	47.6	1	5.9	1	5.9	-	.0	-	.0
Benton	50	45.7	36	32.9	2	1.8	3	2.7	2	1.8	7	6.4
Kennewick	11	32.0	7	20.4	1	2.9	1	2.9	-	.0	2	5.8
Richland	20	59.6	14	41.7	1	3.0	1	3.0	1	3.0	3	8.9
Chelan	54	119.8	22	48.8	14	31.1	5	11.1	2	4.4	11	24.4
Wenatchee	27	156.5	14	81.1	9	52.2	1	5.8	-	.0	3	17.4
Clallam	35	67.8	18	34.9	6	11.6	2	3.9	1	1.9	8	15.5
Port Angeles	19	109.8	11	63.5	5	28.9	1	5.8	-	.0	2	11.6
Clark	76	39.5	44	22.9	8	4.2	6	3.1	2	1.0	16	8.3
Vancouver	55	128.4	30	70.0	7	16.3	5	11.7	2	4.7	11	25.7
Columbia	2	49.3	1	24.6	-	.0		.0	-	.0	1	24.6
Cowlitz	65	81.7	23	28.9	7	8.8	5	6.3	1	1.3	29	36.5
Kelso	2	18.0	1	9.0	1	9.0	-	.0	-	.0		.0
Longview	23	74.1	12	38.6	5	16.1	4	12.9	-	.0	2	6.4
Douglas	2	9.0	2	9.0	-	.0	-	.0	-	.0	-	.0
Ferry	6	103.3	5	86.0	-	.0	-	.0	-	.0	1	17.2
Franklin	17	48.5	10	28.6	1	2.9	-	.0	1	2.9	5	14.3
Pasco	14	78.0	7	39.0	1	5.6	-	.0	1	5.6	5	27.9
								.0				
Garfield	6	243.1	6	243.1	-	.0	-	.0	-	.0	-	.0
Grant	35	72.1	21	43.3	-	.0	5	10.3	-	.0	9	18.5
Moses Lake	12	112.9	6	56.4	-	.0	4	37.6	-	.0	2	18.8
Grays Harbor	41	61.8	23	34.7	2	3.0	4	6.0	1	1.5	11	16.6
Aberdeen	15	80.0	5	26.7	2	10.7	-	.0	1	5.3	7	37.4
Island	16	36.3	5	11.4	3	6.8	1	2.3	-	.0	7	15.9
Oak Harbor	5	40.7	-	.0	-	.0	1	8.1	-	.0	4	32.6
Jefferson	18	112.7	13	81.4	1	6.3	1	6.3	-	.0	3	18.8
King	482	38.0	239	18.8	97	7.6	24	1.9	43	3.4	79	6.2
Auburn	17	64.4	10	37.9	1	3.8	3	11.4	3	11.4	-	.0
Bellevue	12	16.2	8	10.8	2	2.7	-	.0	-	.0	2	2.7
Kent	23	99.3	13	56.2	1	4.3	1	4.3	-	.0	8	34.6
Kirkland	16	85.2	8	42.6	5	26.6	3	16.0	-	.0	-	.0
Mercer Island	7	32.5	5	23.2	-	.0	1	4.6	-	.0	1	4.6
Redmond	6	25.7	5	21.4	-	.0	-	.0	-	.0	1	4.3
Renton	27	88.2	18	58.8	5	16.3	1	3.3	-	.0	3	9.8
Seattle	315	63.8	134	27.1	77	15.6	11	2.2	40	8.1	53	10.7
Kitsap	52	35.5	25	17.1	7	4.8	6	4.1	5	3.4	9	6.1
Bremerton	27	74.6	13	35.9	5	13.8	2	5.5	1	2.8	6	16.6
Kittitas	24	96.5	12	48.2	3	12.1	1	4.0	-	.0	8	32.2
Ellensburg	15	127.6	6	51.0	2	17.0	-	.0	-	.0	7	59.5
Klickitat	15	94.8	7	44.2	1	6.3	-	.0	4	25.3	3	19.0
Lewis	23	41.6	11	19.9	1	1.8	1	1.8	3	5.4	7	12.7
Centralia	-	18.5	-	.0	-	.0	-	.0	1	9.3	1	9.3
Lincoln	10	104.1	5	52.1	-	.0	4	41.6	-	.0	1	10.4
Mason	21	67.3	8	25.7	3	9.6	4	12.8	1	3.2	5	16.0
Okanogan	24	78.3	14	45.7	2	6.5	2	6.5	2	6.5	4	13.1
Pacific	23	133.4	12	69.6	-	.0	9	52.2	-	.0	2	11.6
Pend Oreille	9	104.9	7	81.6	1	11.7	-	.0	-	.0	1	11.7
Pierce	210	43.2	113	23.3	25	5.1	13	2.7	10	2.1	49	10.1
Puyallup	22	120.5	11	60.3	7	38.4	-	.0	-	.0	4	21.9
Tacoma	140	88.3	69	43.5	17	10.7	7	4.4	10	6.3	37	23.3
San Juan	10	127.6	3	38.3	-	.0	3	38.3	-	.0	4	51.0
Skagit	39	60.8	19	29.6	2	3.1	6	9.4	3	4.7	9	14.0
Mount Vernon	14	107.6	8	61.5	1	7.7	-	.0	1	7.7	4	30.7
Skamania	23	290.4	2	25.3	1	12.6	-	.0	-	.0	20	252.6
Snohomish	141	41.8	78	23.1	17	5.0	15	4.5	5	1.5	26	7.7
Edmonds	18	62.7	7	24.4	5	17.4	3	10.4	-	.0	3	10.4
Everett	60	110.3	36	66.2	6	11.0	4	7.4	2	3.7	12	22.1
Lynnwood	8	35.4	6	26.6	-	.0	-	.0	1	4.4	1	4.4
Mountlake Terrace	1	6.0	-	.0	1	6.0	-	.0	-	.0	-	.0
Spokane	178	52.1	101	29.5	27	7.9	5	1.5	12	3.5	33	9.7
Spokane (city)	147	85.8	83	48.5	26	15.2	4	2.3	7	4.1	27	15.8
Stevens	23	79.4	14	48.3	1	3.5	3	10.4	-	.0	5	17.3
Thurston	54	43.5	32	25.8	9	7.2	1	.8	4	3.2	8	6.4
Lacey	-	.0	-	.0	-	.0	-	.0	-	.0	-	.0
Olympia	42	153.0	25	91.1	9	32.8	1	3.6	4	14.6	3	10.9
Wahkiakum	1	26.1	1	26.1	-	.0	-	.0	-	.0	-	.0
Walla Walla	27	56.9	16	33.7	4	8.4	1	2.1	1	2.1	5	10.5
Walla Walla (city)	18	70.3	9	35.1	4	15.6	-	.0	1	3.9	4	15.6
Whatcom	68	63.7	33	30.9	11	10.3	5	4.7	8	7.5	11	10.3
Bellingham	38	83.0	23	50.2	6	13.1	3	6.6	2	4.4	4	8.7
Whitman	19	47.4	10	24.9	4	10.0	2	5.0	-	.0	3	7.5
Pullman	6	25.4	3	12.7	3	12.7	-	.0	-	.0	-	.0
Yakima	109	58.0	57	33.0	11	6.4	5	2.9	7	4.1	20	11.6
Yakima (city)	52	104.4	27	54.2	11	22.1	3	6.0	1	2.0	10	20.1

*Rate per 100,000 estimated population

TABLE 22

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Suicide Number	Suicide Rate	Homicide Number	Homicide Rate	Undetermined External Injuries Number	Undetermined External Injuries Rate
STATE TOTAL	557	13.5	222	5.4	69	1.7
Adams	-	.0	1	7.5	-	.0
Asotin	3	17.8	-	.0	2	11.9
Benton	11	10.1	3	2.7	2	1.8
Kennewick	3	8.7	1	2.9	1	2.9
Richland	4	11.9	-	.0	1	3.0
Chelan	5	11.1	3	6.7	-	.0
Wenatchee	3	17.4	2	11.6	-	.0
Clallam	8	15.5	-	.0	1	1.9
Port Angeles	3	17.3	-	.0	-	.0
Clark	22	11.4	7	3.6	8	4.2
Vancouver	9	21.0	4	9.3	5	11.7
Columbia	1	24.6	-	.0	3	73.9
Cowlitz	13	16.3	5	6.3	2	2.5
Kelso	2	18.0	-	.0	-	.0
Longview	6	19.3	4	12.9	-	.0
Douglas	2	9.0	-	.0	-	.0
Ferry	1	17.2	1	17.2	-	.0
Franklin	6	17.1	4	11.4	-	.0
Pasco	4	22.3	3	16.7	-	.0
Garfield	-	.0	-	.0	-	.0
Grant	3	6.2	1	2.1	2	4.1
Moses Lake	1	9.4	1	9.4	1	9.4
Grays Harbor	6	9.0	4	6.0	-	.0
Aberdeen	1	5.3	1	5.3	-	.0
Island	8	18.2	2	4.5	1	2.3
Oak Harbor	1	8.1	1	8.1	-	.0
Jefferson	2	12.5	3	18.8	-	.0
King	168	13.2	78	6.1	24	1.9
Auburn	3	11.4	-	.0	1	3.8
Bellevue	9	12.2	1	1.4	2	2.7
Kent	7	30.2	1	4.3	1	4.3
Kirkland	4	21.3	1	5.3	-	.0
Mercer Island	3	13.9	-	.0	1	4.6
Redmond	-	.0	1	4.3	1	4.3
Renton	4	13.1	1	3.3	-	.0
Seattle	83	16.8	60	12.1	17	3.4
Kitsap	17	11.6	4	2.7	2	1.4
Bremerton	6	16.6	-	.0	2	5.5
Kittitas	1	4.0	-	.0	-	.0
Ellensburg	1	8.5	-	.0	-	.0
Klickitat	5	31.6	1	6.3	-	.0
Lewis	8	14.5	4	7.2	1	1.8
Centralia	2	18.5	-	.0	-	.0
Lincoln	1	10.4	-	.0	-	.0
Mason	6	19.2	2	6.4	-	.0
Okanogan	6	19.6	-	.0	2	6.5
Pacific	3	17.4	-	.0	-	.0
Pend Oreille	1	11.7	-	.0	-	.0
Pierce	81	16.7	28	5.8	4	.8
Puyallup	3	16.4	-	.0	-	.0
Tacoma	34	21.5	14	8.8	3	1.9
San Juan	1	12.8	-	.0	-	.0
Skagit	8	12.5	3	4.7	-	.0
Mount Vernon	2	15.4	-	.0	-	.0
Skamania	1	12.6	1	12.6	-	.0
Snohomish	36	10.7	20	5.9	3	.9
Edmonds	-	.0	-	.0	-	.0
Everett	7	12.9	5	9.2	-	.0
Lynnwood	2	8.9	3	13.3	1	4.4
Mountlake Terrace	1	6.0	-	.0	-	.0
Spokane	50	14.6	15	4.4	4	1.2
Spokane (city)	32	18.7	13	7.6	3	1.8
Stevens	7	24.2	3	10.4	2	6.9
Thurston	28	22.5	5	4.0	-	.0
Lacey	4	28.7	-	.0	-	.0
Olympia	9	32.8	1	3.6	-	.0
Wahkiakum	-	.0	-	.0	-	.0
Walla Walla	5	10.5	5	10.5	2	4.2
Walla Walla (city)	2	7.8	4	15.6	2	7.8
Whatcom	11	10.3	2	1.9	2	1.9
Bellingham	6	13.1	1	2.2	-	.0
Whitman	4	10.0	1	2.5	-	.0
Pullman	2	8.5	-	.0	-	.0
Yakima	18	10.4	17	9.9	2	1.2
Yakima (city)	4	8.0	6	12.0	-	.0

*Rate per 100,000 estimated population

TABLE 23

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRANCE, WASHINGTON STATE 1980

County and City	Suicide Number	Suicide Rate	Homicide Number	Homicide Rate	Undetermined External Injuries Number	Undetermined External Injuries Rate
STATE TOTAL	557	13.5	233	5.6	70	1.7
Adams	-	.0	1	7.5	-	.0
Asotin	2	11.9	-	.0	1	5.9
Benton	12	11.0	1	.9	2	1.8
Kennewick	7	20.4	1	2.9	1	2.9
Richland	3	8.9	-	.0	1	3.0
Chelan	6	13.3	4	8.9	2	4.4
Wenatchee	4	23.2	3	17.4	1	5.8
Clallam	8	15.5	2	3.9	1	1.9
Port Angeles	4	23.1	1	5.8	-	.0
Clark	21	10.9	7	3.6	8	4.2
Vancouver	11	25.7	6	14.0	8	18.7
Columbia	1	24.6	1	24.6	3	73.9
Cowlitz	14	17.6	5	6.3	2	2.5
Kelso	5	44.9	-	.0	-	.0
Longview	5	16.1	5	16.1	-	.0
Douglas	1	4.5	-	.0	-	.0
Ferry	2	34.4	1	17.2	-	.0
Franklin	6	17.1	4	11.4	-	.0
Pasco	6	33.4	4	22.3	-	.0
Garfield	1	40.5	-	.0	-	.0
Grant	3	6.2	1	2.1	1	2.1
Moses Lake	2	18.8	1	9.4	1	9.4
Grays Harbor	6	9.0	4	6.0	-	.0
Aberdeen	2	10.7	2	10.7	-	.0
Island	5	11.4	2	4.5	-	.0
Oak Harbor	1	8.1	2	16.3	-	.0
Jefferson	2	12.5	1	6.3	-	.0
King	164	12.9	87	6.9	25	2.0
Auburn	5	18.9	-	.0	1	3.8
Bellevue	9	12.2	2	2.7	2	2.7
Kent	9	38.9	3	13.0	2	8.6
Kirkland	4	21.3	-	.0	-	.0
Mercer Island	1	4.6	-	.0	-	.0
Redmond	1	4.3	-	.0	-	.0
Renton	7	22.9	1	3.3	-	.0
Seattle	103	20.9	76	15.4	18	3.6
Kitsap	13	8.9	2	1.4	1	.7
Bremerton	7	19.3	-	.0	1	2.8
Kittitas	2	8.0	-	.0	1	4.0
Ellensburg	2	17.0	-	.0	-	.0
Klickitat	5	31.6	3	19.0	-	.0
Lewis	9	16.3	3	5.4	1	1.8
Centralia	1	9.3	-	.0	-	.0
Lincoln	2	20.8	-	.0	-	.0
Mason	11	35.3	1	3.2	-	.0
Okanogan	6	19.6	2	6.5	1	3.3
Pacific	3	17.4	-	.0	-	.0
Pend Oreille	2	23.3	-	.0	-	.0
Pierce	80	16.5	28	5.8	4	.8
Puyallup	6	32.9	1	5.5	-	.0
Tacoma	56	35.3	22	13.9	4	2.5
San Juan	3	38.3	-	.0	-	.0
Skagit	12	18.7	3	4.7	1	1.6
Mount Vernon	3	23.1	-	.0	1	7.7
Skamania	1	12.6	1	12.6	-	.0
Snohomish	35	10.4	18	5.3	4	1.2
Edmonds	1	3.5	-	.0	2	7.0
Everett	14	25.7	9	16.5	1	1.8
Lynnwood	1	4.4	3	13.3	-	.0
Mountlake Terrace	-	.0	-	.0	-	.0
Spokane	48	14.0	17	5.0	3	.9
Spokane (city)	43	25.1	16	9.3	3	1.8
Stevens	7	24.2	3	10.4	2	6.9
Thurston	27	21.7	4	3.2	-	.0
Lacey	3	21.5	-	.0	-	.0
Olympia	19	69.2	3	10.9	-	.0
Wahkiakum	-	.0	-	.0	-	.0
Walla Walla	6	12.6	5	10.5	2	4.2
Walla Walla (city)	5	19.5	5	19.5	1	3.9
Whatcom	13	12.2	3	2.8	3	2.8
Bellingham	10	21.8	2	4.4	2	4.4
Whitman	2	5.0	1	2.5	-	.0
Pullman	1	4.2	-	.0	-	.0
Yakima	16	9.3	18	10.4	2	1.2
Yakima (city)	10	20.1	9	18.1	-	.0

*Rate per 100,000 estimated population

TABLE 24

RESIDENCE DEATHS WITH RATES[1/] BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1980

Cause With International List Number	Total		Male		Female		Unknown
	Number	Rate	Number	Rate	Number	Rate	
TOTAL ALL CAUSES	32,012	775.1	17,297	841.3	14,700	708.7	15
Enteritis and other diarrheal disease (008, 009)	6	.1	2	.1	4	.2	
Tuberculosis, all forms (010-018, 137)	23	.6	8	.4	15	.7	
Tuberculosis of the respiratory system (010-012)	13	.3	3	.1	10	.5	
Septicemia (038)	112	2.7	57	2.8	55	2.7	
Syphilis and its sequelae (090-097)	8	.2	6	.3	2	.1	
All other infective and parasitic diseases (000-139) excluding numbers listed above	87	2.1	42	2.0	45	2.2	
Malignant neoplasms of lip, oral cavity and pharynx (140-149)	126	3.1	73	3.6	53	2.6	
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,776	43.0	916	44.6	860	41.5	
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	2,008	48.6	1,385	67.4	620	29.9	3
Malignant neoplasms of breast (174, 175)	571	13.8	6	.3	565	27.2	
Malignant neoplasms of genitourinary organs (179-189)	1,108	26.8	627	30.5	481	23.2	
Malignant neoplasms of other and unspecified sites (170-173, 190-195, 199)	751	18.2	411	20.0	340	16.4	
Leukemia (204-208)	277	6.7	161	7.8	116	5.6	
Other neoplasms of lymphatic and hematopoietic tissues (200-203)	370	9.0	194	9.4	176	8.5	
Benign and unspecified neoplasms (210-239)	77	1.9	32	1.6	45	2.2	
Diabetes Mellitus (250)	508	12.3	216	10.5	292	14.1	
Nutritional deficiencies (260-269)	34	.8	15	.7	19	.9	
Anemias (280-285)	58	1.4	29	1.4	29	1.4	
Alcoholism (303)	94	2.3	70	3.4	24	1.2	
Meningitis (320, 322)	28	.7	16	.8	12	.6	

1/ Rates per 100,000 estimated population

TABLE 24(con't)

RESIDENCE DEATHS WITH RATES[1/] BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1980

Cause With International List Number	Total		Male		Female		Unknown
	Number	Rate	Number	Rate	Number	Rate	
Diseases of the heart (391-398, 402, 404, 410-417, 420-429)	11,295	273.5	6,146	298.9	5,148	248.2	1
Chronic rheumatic heart disease (391-398)	163	3.9	59	2.9	104	5.0	
Hypertensive heart disease (402)	284	6.9	101	4.9	183	8.8	
Hypertensive heart and renal disease (404)	40	1.0	15	.7	25	1.2	
Ischemic heart disease (410-414)	7,966	192.9	4,529	220.3	3,437	165.7	
Other forms of heart disease (415-429)	2,842	68.8	1,442	70.1	1,399	67.4	1
Hypertensive disease (401, 403)	124	3.0	60	2.9	64	3.1	
Cerebrovascular disease (430-438)	2,846	68.9	1,162	56.5	1,682	81.1	2
Arteriosclerosis (440)	671	16.2	269	13.1	401	19.3	1
Other diseases of arteries, arterioles and capillaries (441-444, 446-448)	337	8.2	232	11.3	105	5.1	
Acute bronchitis (466)	7	.2	3	.1	4	.2	
Pneumonia (480-486)	911	22.1	454	22.1	456	22.0	
Influenza (487)	110	2.7	37	1.8	73	3.5	
Bronchitis (chronic and unspecified) (490-491)	65	1.6	36	1.8	29	1.4	
Emphysema (492)	310	7.5	203	9.9	107	5.2	
Asthma (493)	64	1.5	26	1.3	38	1.8	
Ulcer of stomach and duodenum (531-533)	113	2.7	52	2.5	61	2.9	
Appendicitis (540-543)	5	.1	2	.1	3	.1	
Hernia and intestinal obstruction (550-553, 560)	78	1.9	32	1.6	46	2.2	
Cirrhosis of the liver (571)	482	11.7	299	14.5	183	8.8	
Cholelithiasis, cholecystitis and cholangitis (574-576)	53	1.3	28	1.4	25	1.2	
Acute nephritis and nephrotic syndrome (580-581)	6	.1	4	.2	2	.1	
Chronic and unspecified nephritis and renal sclerosis (582-583)	26	.6	13	.6	13	.6	
Infections of kidney (590)	41	1.0	13	.6	28	1.3	
Hyperplasia of the prostate (600)	12	.3	12	.6	0	.0	

1/ Rates per 100,000 estimated population.

TABLE 24 (con't)

RESIDENCE DEATHS WITH RATES[1/] BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1980

Cause With International List Number	Total		Male		Female		Unknown
	Number	Rate	Number	Rate	Number	Rate	
Complications of pregnancy, childbirth and puerperium (630-638, 640-676)	1	.0	0	.0	1	.0	
Congenital anomalies (740-759)	240	5.8	129	6.3	110	5.3	1
Birth injury, difficult labor and other anoxic and hypoxic conditions (763, 767-769)	133	3.2	82	4.0	51	2.5	
Other causes of mortality in early infancy (760-762, 764-766, 770-779)	237	5.7	139	6.8	97	4.7	1
Senility and ill-defined symptoms (780-799)	251	6.1	141	6.9	110	5.3	
All other diseases except above (residual)	2,702	65.4	1,398	68.0	1,303	62.8	1
Motor vehicle accidents (E810-E825, E9290)	1,082	26.2	775	37.7	306	14.8	
All other accidents (E800-E807, E826-E949)	933	22.6	657	32.0	275	13.3	1
Suicide (E950-E959)	557	13.5	422	20.5	133	6.4	2
Homicide (E960-E969)	222	5.4	151	7.3	71	3.4	
Legal intervention (E970-E978)	5	.1	5	.2	0	.0	
Undetermined external injuries (E980-E989)	69	1.7	47	2.3	22	1.1	

1/ Rates per 100,000 estimated population.

TABLE 25

RESIDENCE DEATHS WITH RATES 1/ AND PERCENT 2/ BY AGE GROUP AND SEX BY FIVE LEADING CAUSES, WASHINGTON STATE 1980

	International List Number	Total			Male			Female		
		Number	Rate	Percent3/	Number	Rate	Percent3/	Number	Rate	Percent3/
ALL AGES										
All causes		32,012*	775.1	100.0	17,297	841.3	100.0	14,700	708.7	100.0
Diseases of the heart	391-398,402, 404,410-417, 420-429	1,295+	273.5	35.3	6,146	298.9	35.5	5,148	248.2	35.0
Malignant neoplasms	140-208,230-234	6,987**	169.2	21.8	3,773	183.5	21.8	3,211	154.8	21.8
Cerebrovascular disease	430-438	2,846++	68.9	8.9	1,162	56.5	6.7	1,682	81.1	11.4
All accidents	800-949	2,015++	48.8	6.3	1,432	69.7	8.3	581	28.0	4.0
Influenza & pneumonia	480-487	1,021+	24.7	3.2	491	23.9	2.8	529	25.5	3.6
All other causes		7,848*+	190.0	24.5	4,293	208.8	24.8	3,549	171.1	24.1
UNDER 1										
All causes		798++	1228.1	100.0	477	1346.1	100.0	349	1098.5	100.0
Certain causes of mortality in early infancy	760-762,764-766, 770-779	236+	363.2	29.6	138	415.6	30.9	97	305.3	27.8
Sudden infant death syndrome	7980	177	272.4	22.2	105	316.2	23.5	72	226.6	20.6
Congenital anomalies	740-759	156+	240.1	19.5	81	243.9	18.1	74	232.9	21.2
Birth injury	763,767,769	133	204.7	16.7	82	246.9	18.3	51	160.5	24.6
All accidents	800-949	26	40.0	3.3	13	39.1	2.9	13	40.9	3.7
All other causes		70	107.7	8.7	28	84.3	6.2	42	132.2	12.0
1 - 4										
All causes		153	64.4	100.0	93	76.7	100.0	60	51.6	100.0
All accidents	800-949	77	32.4	50.3	43	35.5	46.2	34	29.2	56.7
Congenital anomalies	740-759	15	6.3	9.8	11	9.1	11.8	4	3.4	6.7
Malignant neoplasms	140-208,230-234	13	5.5	8.5	9	7.4	9.7	4	3.4	6.7
Meningitis	320,322	7	2.9	4.6	6	4.9	6.5	1	.9	1.7
Homicide	960-969	5	2.1	3.3	3	2.5	3.2	2	1.7	3.3
All other causes		36	15.2	23.5	21	17.3	22.5	15	12.9	25.0
5 - 14										
All causes		168	26.9	100.0	113	35.5	100.0	55	18.0	100.0
All accidents	800-949	93	14.9	55.4	68	21.3	60.2	25	8.2	45.5
Malignant neoplasms	140-208,230-234	18	2.9	10.7	13	4.1	11.5	5	1.6	9.1
Influenza & pneumonia	480-487	9	1.4	5.4	4	1.3	3.5	5	1.6	9.1
Congenital anomalies	740-759	8	1.3	4.8	7	2.2	6.2	1	.3	1.8
Diseases of the heart	391-398,402,404, 410-417,420-429	5	.8	3.0	4	1.3	3.5	1	.3	1.8
All other causes		35	5.6	20.8	17	5.3	15.0	18	5.9	32.7
15 - 24										
All causes		849+	107.6	100.0	628	153.5	100.0	220	57.9	100.0
All accidents	800-949	524	66.4	61.7	403	98.5	64.2	121	31.8	55.0
Suicide	950-959	123+	15.6	14.5	98	23.9	15.6	24	6.3	10.9
Homicide	960-969	55	7.0	6.5	32	7.8	5.1	23	6.1	10.5
Malignant Neoplasms	140-208,230-234	42	5.3	4.9	33	8.1	5.3	9	2.4	4.1
Undeter. External Injuries	980-989	15	1.9	1.8	12	2.9	1.9	3	.8	1.4
All other causes		90	11.4	10.6	50	12.2	7.9	40	10.5	18.1
25 - 34										
All causes		913+	123.1	100.0	631	168.3	100.0	281	76.6	100.0
All accidents	800-949	386	52.0	42.3	298	79.5	47.2	88	24.0	31.3
Suicide	950-959	149+	20.1	16.3	113	30.1	17.9	35	9.5	12.5
Malignant neoplasms	140-208,230-234	95	12.8	10.4	50	13.3	7.9	45	12.3	16.0
Homicide	960-969	64	8.6	7.0	46	12.3	7.3	18	4.9	6.4
Diseases of the heart	391-398,402,404, 410-417,420-429	49	6.6	5.4	34	9.1	5.4	15	4.1	5.3
All other causes		170	22.9	18.6	90	24.0	14.2	80	21.8	28.4
35 - 44										
All causes		927	191.2	100.0	590	241.4	100.0	337	140.2	100.0
Malignant neoplasms	140-208,230-234	221	45.6	23.8	97	39.7	16.4	124	51.6	36.8
All accidents	800-949	220	45.4	23.7	181	74.0	30.7	39	16.2	11.6
Diseases of the heart	391-398,402,404, 410-417,420-429	134	27.6	14.5	100	40.9	16.9	34	14.1	10.1
Suicide	950-959	75	15.5	8.1	47	19.2	8.0	28	11.6	8.3
Cirrhosis of the liver	571	50	10.3	5.4	28	11.5	4.7	22	9.2	6.5
All other causes		227	46.8	24.4	137	56.0	23.2	90	37.4	26.7

TABLE 25 (con't)

RESIDENCE DEATHS WITH RATES 1/ AND PERCENT 2/ BY AGE GROUP AND SEX BY FIVE LEADING CAUSES, WASHINGTON STATE 1980

	International List Number	Total			Male			Female		
		Number	Rate	Percent3/	Number	Rate	Percent3/	Number	Rate	Percent3/
45 - 54										
All causes		1,891	482.8	100.0	1,188	610.1	100.0	703	356.9	100.0
Malignant neoplasms	140-208,230-234	626	159.8	33.1	314	161.3	26.4	312	158.4	44.4
Diseases of the heart	391-398,402,404, 410-417,420-429	563	143.7	29.8	438	225.0	36.9	125	63.5	17.8
All accidents	800-949	149	38.0	7.9	112	57.5	9.4	37	18.8	5.3
Cirrhosis of the liver	571	107	27.3	5.7	64	32.9	5.4	43	21.8	6.1
Cerebrovascular disease	430-438	64	16.3	3.4	31	15.9	2.6	33	16.8	4.7
All other causes		382	97.5	20.2	229	117.6	19.2	153	77.7	21.7
55 - 64										
All causes		4,564++	1212.2	100.0	2,876	1582.6	100.0	1,686	865.6	100.0
Malignant neoplasms	140-208,230-234	1,612++	428.1	35.3	877	482.6	30.5	733	376.3	43.5
Diseases of the heart	391-398,402,404, 410-417,420-429	1,502	398.9	32.9	1,119	615.8	38.9	383	196.6	22.7
Cerebrovascular disease	430-438	207	55.0	4.5	104	57.2	3.6	103	52.9	6.1
All accidents	800-949	157	41.7	3.4	120	66.0	4.2	37	19.0	2.2
Cirrhosis of the liver	571	155	41.2	3.4	105	57.8	3.7	50	25.7	3.0
All other causes		931	247.3	20.3	551	303.2	19.1	380	195.1	22.5
65 - 74										
All causes		7,395**	2880.1	100.0	4,444	3785.2	100.0	2,948	2115.5	100.0
Diseases of the heart	391-398,402, 404,410-417, 420-429	2,820+	1098.3	38.1	1,801	1534.0	40.5	1,018	730.5	34.5
Malignant neoplasms	140-208,230-234	2,171+	845.5	29.4	1,234	1051.1	27.8	936	671.7	31.8
Cerebrovascular disease	430-438	564	219.7	7.6	319	271.7	7.2	245	175.8	8.3
Bronchitis, emphysema, & asthma	466,490-493	159	61.9	2.2	101	86.0	2.3	58	41.6	2.0
Influenza & pneumonia	480-487	138	53.7	1.9	82	69.8	1.8	56	40.2	1.9
All other causes		1,543+	601.0	20.8	907	772.5	20.4	635	455.7	21.5
75 - 84										
All causes		7,997+	6477.8	100.0	4,018	8384.3	100.0	3,978	5266.9	100.0
Diseases of the heart	391-398,402, 404,410-417, 420-429	3,367	2727.4	42.1	1,658	3459.7	41.3	1,709	2262.7	43.0
Malignant neoplasms	140-208,230-234	1,529	1238.5	19.1	843	1759.1	21.0	686	908.3	17.2
Cerebrovascular disease	430-438	950	769.5	11.9	422	880.6	10.5	528	699.1	13.3
Influenza & pneumonia	480-487	315	255.2	3.9	153	319.3	3.8	162	214.5	4.1
Arteriosclerosis	440	207	167.7	2.6	90	187.8	2.2	117	154.9	2.9
All other causes		1,629+	1319.5	20.3	852	1777.9	21.2	776	1027.4	19.5
85 and Over										
All causes		6,352+*	6421.9	100.0	2,264	8086.0	100.0	4,083	5606.6	100.0
Diseases of the heart	391-398,402, 404,410-417, 420-429	2,833	7324.2	44.6	982	7844.7	43.4	1,851	7075.1	45.3
Cerebrovascular disease	430-438	1,007++	2603.4	15.9	262	2093.0	11.6	743	2840.0	18.2
Malignant neoplasms	140-208,230-234	655	1693.4	10.3	300	2396.5	13.3	355	1356.9	8.7
Influenza & pneumonia	480-487	450+	1163.4	7.1	182	1453.9	8.0	267	1020.6	6.5
Arteriosclerosis	440	352+	910.0	5.5	119	950.6	5.3	232	886.8	5.7
All other causes		1,055+	2727.5	16.6	419	3347.2	18.5	635	2427.2	15.5
Age Unknown										
All causes		5		100.0	5		100.0			
Homicide	960-969	2		40.0	2		40.0			
Undeter. external injuries	980-989	1		20.0	1		20.0			
Cerebrovascular disease	430-438	1		20.0	1		20.0			
All other causes		1		20.0	1		20.0			

*Total includes 15 sex unknown
+Total includes 1 sex unknown
++Total includes 2 sex unknown
**Total includes 3 sex unknown
+*Total includes 5 sex unknown
*+Total includes 6 sex unknown

1/ Rate per 100,000 population in age - sex group.
2/ Percent of total deaths in each age group.
3/ Detail may not add to 100 percent due to rounding.

TABLE 26

DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	32,012	3,045	2,859	2,709	2,654	2,597	2,546	2,559	2,526	2,347	2,680	2,651	2,839
Adams	91	10	7	10	9	5	10	5	2	10	9	7	7
Asotin	171	19	20	15	10	15	13	11	13	9	11	21	14
Benton	592	73	49	41	67	43	44	49	30	48	57	31	80
Kennewick	215	21	20	18	26	19	16	16	15	9	22	9	24
Richland	218	35	21	15	24	17	11	17	7	25	16	12	18
Chelan	485	39	37	43	33	41	36	41	40	46	38	48	43
Wenatchee	272	25	27	23	17	22	16	22	21	27	17	35	20
Clallam	489	46	48	45	35	36	34	37	44	22	43	46	53
Port Angeles	242	24	23	19	19	18	17	17	20	15	25	23	22
Clark	1,281	108	125	98	93	105	104	114	117	91	107	104	115
Vancouver	617	51	69	45	49	47	45	52	64	48	52	47	48
Columbia	67	3	7	5	8	1	7	6	5	7	6	6	6
Cowlitz	667	52	38	56	52	60	52	53	62	50	57	68	67
Kelso	131	9	4	16	13	15	9	8	11	7	7	13	19
Longview	306	27	20	23	20	23	22	24	32	23	29	35	28
Douglas	136	10	13	16	16	9	11	10	7	14	10	11	9
Ferry	46	3	4	6	3	4	3	3	3	4	6	4	3
Franklin	202	15	19	20	17	27	15	12	22	16	16	8	15
Pasco	148	10	13	16	11	16	11	10	17	13	11	7	11
Garfield	23		2		5	2	1	3	2	4	1	1	2
Grant	371	7	9	10	12	9	8	11	6	5	11	8	8
Moses Lake	104	27	33	34	28	45	29	31	31	25	33	22	33
Grays Harbor	662	43	61	68	63	64	57	63	48	52	54	45	44
Aberdeen	195	15	18	19	17	21	21	22	13	20	12	10	7
Island	330	32	34	21	20	41	31	27	23	30	27	25	19
Oak Harbor	69	3	9	5	5	8	10	3	7	6	4	4	5
Jefferson	154	15	12	16	12	9	10	17	15	11	13	14	10
King	9,735	914	908	842	838	787	795	762	746	699	800	760	884
Auburn	168	18	24	19	11	15	26	17	14	11	17	10	16
Bellevue	425	40	38	37	33	35	32	28	29	33	44	26	50
Kent	143	17	13	13	10	15	15	11	7	5	12	11	14
Kirkland	203	25	16	14	13	14	11	22	13	15	21	18	21
Mercer Island	98	12	7	8	7	9	10	9	8	6	8	5	9
Redmond	107	8	14	11	9	9	8	7	8	7	7	10	9
Renton	247	15	24	14	22	21	13	28	19	27	29	20	15
Seattle	5,686	508	516	496	507	455	436	450	434	416	456	471	541
Kitsap	1,037	88	76	95	90	94	79	97	69	97	77	74	101
Bremerton	422	35	39	26	33	32	31	44	26	42	38	32	44
Kittitas	220	27	9	19	12	18	19	22	21	13	19	22	19
Ellensburg	99	7	3	7	7	9	10	15	11	3	10	10	7
Klickitat	138	29	8	7	13	8	11	7	10	17	14	8	6
Lewis	523	57	59	40	40	56	36	45	31	27	45	46	41
Centralia	176	17	17	12	18	15	13	18	14	7	14	16	15
Lincoln	96	7	6	5	7	9	7	5	7	11	12	10	10
Mason	235	20	24	17	15	17	18	18	24	16	25	18	23
Okanogan	268	26	17	22	25	14	25	23	23	20	25	26	22
Pacific	205	22	17	11	17	19	18	16	23	20	14	16	12
Pend Oreille	74	2	9	6	6	5	7	6	6	10	5	6	6
Pierce	3,681	347	334	340	304	288	306	267	309	251	298	288	349
Puyallup	206	15	18	19	23	11	22	15	15	15	18	13	22
Tacoma	1,789	173	160	175	145	155	132	114	150	128	144	136	177
San Juan	74	3	8	4	8	6	10	7	6	1	12	4	5
Skagit	671	74	67	56	60	46	52	53	45	56	53	45	64
Mount Vernon	148	19	14	10	10	13	13	14	7	11	12	11	14
Skamania	36	4	6	3	2	3	2	3	3	1	3	4	2
Snohomish	2,190	226	192	195	1898	185	173	175	177	143	191	183	161
Edmonds	234	24	20	14	17	24	23	20	22	15	21	19	15
Everett	577	77	48	51	39	49	47	49	43	37	51	38	48
Lynnwood	148	14	13	21	12	13	9	8	8	11	14	18	7
Mountlake Terrace	65	6	9	4	10	3	3	7	10	5	2	1	5
Spokane	2,890	308	222	202	225	199	235	241	231	219	240	305	263
Spokane (city)	1,939	213	154	132	152	154	167	165	144	157	153	190	158
Stevens	210	15	25	26	17	10	15	15	15	6	18	28	20
Thurston	925	100	89	82	69	79	61	82	67	69	80	76	71
Lacey	136	11	14	16	8	9	10	14	12	11	7	12	12
Olympia	362	42	39	27	23	32	20	30	28	28	42	30	21
Wahkiakum	38	1	1	5	4	9	3	1	3	2	4	1	4
Walla Walla	443	49	39	38	23	47	43	40	33	36	34	34	35
Walla Walla (city)	299	28	26	27	22	19	25	23	22	29	28	24	26
Whatcom	799	71	88	69	61	59	59	53	59	61	84	69	66
Bellingham	423	35	44	46	42	25	34	26	27	29	46	32	37
Whitman	209	15	14	14	11	21	18	13	16	24	23	18	22
Pullman	44	4	3	3	3	3	4	2	5	10	2	3	2
Yakima	1,548	147	133	118	139	130	108	127	135	108	113	147	143
Yakima (city)	679	56	66	49	73	55	55	47	58	48	47	52	63

TABLE 27

DEATHS BY TYPE OF PLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1980

County and City	Total	General Hospital	Psych. Hospital	State Facility	Federal Facility	Nursing Homes	Home	Dead on Arrival	Other N.S.
STATE TOTAL	32,788	15,734	43	20	1,226	1,610	5,869	151	1,835
Adams	77	47				16	6	1	5
Asotin	144	62				52	21		9
Benton	557	315				96	102	1	44
Kennewick	215	100				57	42		16
Richland	258	187				23	41		7
Chelan	599	315				181	63	9	31
Wenatchee	451	273				122	43	8	9
Clallam	459	183				147	93	5	31
Port Angeles	324	171				97	47	2	10
Clark	1,216	532			176	275	187	3	43
Vancouver	1,048	530			176	190	127	3	22
Columbia	52	33				6	12		1
Cowlitz	691	344				179	107	2	59
Kelso	39					3	30		6
Longview	534	342				132	48	2	10
Douglas	60	1				32	18		9
Ferry	36	17				2	6		11
Franklin	162	85				26	35	2	14
Pasco	158	85				26	34	2	11
Garfield	24	9				6	3		6
Grant	290	158				41	58	7	26
Moses Lake	133	65				34	26	2	6
Grays Harbor	578	291				168	71	4	44
Aberdeen	398	268				92	27	3	8
Island	208	59			9	50	75	1	14
Oak Harbor	65				9	25	26		5
Jefferson	128	55				16	33		24
King	10,429	5,418	3	1	363	2,182	1,950	30	482
Auburn	246	138				36	52	2	18
Bellevue	378	209				65	91		13
Kent	97	2				1	62		32
Kirkland	370	142	3			155	55		15
Mercer Island	63					32	21		10
Redmond	208	121				49	24		14
Renton	468	284				94	71		19
Seattle	7,853	4,443		1	362	1,370	1,386	22	269
Kitsap	991	364			39	341	184	8	55
Bremerton	665	363			38	162	69	4	22
Kittitas	201	91				48	30	4	28
Ellensburg	155	91				32	16	3	13
Klickitat	109	38				21	31	1	18
Lewis	477	271				96	73	6	31
Centralia	230	123				65	17	1	4
Lincoln	82	37				25	7	2	11
Mason	176	83		1		26	37	3	26
Okanogan	233	118				37	45	2	31
Pacific	176	81				47	21	6	21
Pend Oreille	69	30				10	19	2	8
Pierce	3,835	1,688	32	4	341	851	690	18	141
Puyallup	507	240				172	77	6	12
Tacoma	2,968	1,438	1		336	627	454	12	105
San Juan	50					12	19		19
Skagit	715	386				152	126	9	37
Mount Vernon	280	175				63	33		9
Skamania	35						11		24
Snohomish	1,953	892		1		535	403	6	106
Edmonds	499	249				162	54	2	32
Everett	867	552				196	111	2	26
Lynnwood	80	1				36	33		10
Mountlake Terrace	20						14		3
Spokane	3,337	1,724	6	13	226	812	427	12	115
Spokane (City)	3,136	1,712			213	744	370	11	86
Stevens	171	73				35	31	4	28
Thurston	893	423				229	198	2	41
Lacey	101	1				25	23		2
Olympia	695	422				120	129	2	22
Wahkiakum	20					14	5		1
Walla Walla	562	285			72	129	54		17
Walla Walla (city)	511	284			72	102	46		8
Whatcom	805	291				275	172		67
Bellingham	652	291				224	109		28
Whitman	171	87				54	14		16
Pullman	52	31				15	2		4
Yakima	1,431	841				377	221	5	87
Yakima (city)	1,120	683				281	121	1	34

TABLE 28

DEATHS BY MONTH OF OCCURRENCE BY SELECTED CAUSES, WASHINGTON STATE 1980

Cause of Death and International List Number	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TOTAL	32,288	3,081	2,869	2,697	2,681	2,647	2,564	2,584	2,559	2,364	2,712	2,645	2,885
Tuberculosis (010-019,137)	24	3	3	1	1	2	4		3	1		2	4
Syphilis and its Sequelae (090-091, 093-095,097)	11	1	1	1		3	3	1			1		
All other infectious and parasitic diseases (001-009,020-136,138-139)	211	19	24	15	15	15	14	22	14	15	14	19	25
Malignant Neoplasm (140-208)	7,107	591	576	558	602	599	588	585	614	564	619	590	621
Cerebrovascular Disease (430-438)	2,878	332	259	260	235	227	215	225	186	223	252	208	256
Diabetes Mellitus (250)	512	48	48	41	45	49	39	33	33	38	44	44	50
Diseases of the Heart (390-398,402,404, 410-417,420-429)	11,311	1,085	1,002	999	936	886	884	903	875	831	912	956	1,042
Chronic and acute Ischemic Heart Dis. (410-414)	7,962	735	706	698	678	629	636	640	604	572	647	683	734
Hypertensive Heart Disease (402)	279	24	28	21	17	29	21	23	21	16	29	22	28
Hypertensive Heart and Renal Dis. (404)	39	2	2	2		1	6	11	1	7	2	3	2
Arteriosclerosis (440)	667	93	73	44	56	55	57	39	60	35	60	44	51
Influenza (487)	114	31	55	10		1	3	2	1	1	2	3	5
Pneumonia (480-486)	919	123	134	89	74	77	59	61	52	55	66	56	73
Certain Cause of Mortality in Early Infancy (763,767-769,760-762, 764-766,770-779)	378	24	30	19	31	42	33	48	40	22	39	27	23
All Accidents (E800-E959)	2,570	204	187	180	216	229	221	268	254	185	202	220	204
Motor Vehicle Acc. (E810-E825,E9290)	1,059	80	70	74	91	84	93	134	121	71	90	82	69
Drownings, Excluding submersion in a boat (E910)	96		5	3	6	4	15	31	14	7	7	1	3
Falls (E880-E888,E9293)	272	28	25	18	15	21	23	25	27	19	18	28	25
Fire (E890-E899,E9294)	118	16	18	14	11	4	5	3	8	4	4	16	15

TABLE 29

DEATHS, RESIDENT, BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT, WASHINGTON STATE 1980

Cause of Death	Total	Home	Farm	Industrial including Mines	Recre-ation	Street Hiway	Public Building	Resident Institution	Other and Unspecified
TOTAL	786	351	16	68	13	18	19	77	226
Poisoning by drugs, medicaments and biologicals (E850-E858)	46	33		1			2		10
Poisoining by other solid and liquid substances, gases and vapors (E860-E869)	24	13		2		2			7
Misadventures during surgical and medical care (E870-E879)	7					1		3	3
Falls (E880-E888)	260	104	2	12	6	11	10	57	58
Falls on stairs and ladders (E880, E881)	31	19		2		1	1	2	6
Falls from one level to another (E882, E884)	62	13	1	10	5		5	8	20
Falls on same level (E885,E886)	22	9			1	1		4	7
Other and unspecified falls (E887,E888)	260	104	2	12	6	11	10	57	58
Fire (E890-E899)	118	112	1	1			1		3
Natural and environmental factors (E900-E909)	35	3			1				31
Drowning, excluding submersion in boat (E910)	97	13		1	4		1	1	77
Inhalation and ingestion causing suffocation and obstruction (E911, E912)	45	17				1	4	15	8
Mechanical suffocation (E913)	22	17		1					4
Struck by, against or between objects (E916,E917,E918)	40	14	1	14	1	2	1		7
Explosion and explosive material (E921,E923)	3	2		1					
Firearms (E922)	13	9			1				3
Hot substance, corrosive liquid and steam (E924)	3	3							
Electricity (E925)	12	2	1	8					1
Machinery (E919)	41	6	11	21					3
Other and unspecified accidents (E926-E929)	19	3		4		1		1	10

TABLE 30

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Fetal Deaths Number	Fetal Deaths Ratio 1/	Perinatal Mortality 2/ Number	Perinatal Mortality 2/ Rate 3/	Neonatal Mortality Number	Neonatal Mortality Rate 1/	Infant Mortality Number	Infant Mortality Rate 1/
STATE TOTAL	533	7.9	923	13.5	478	7.0	798	11.8
Adams	2	6.3	3	9.4	1	3.2	3	9.5
Asotin	-	.0	-	.0	1	3.9	2	7.8
Benton	18	8.7	31	14.9	14	6.8	17	8.3
Kennewick	10	11.1	16	17.6	7	7.8	8	8.9
Richland	2	4.0	4	7.9	2	4.0	2	4.0
Chelan	7	8.9	8	10.1	1	1.3	3	3.8
Wenatchee	5	15.6	5	15.4	-	.0	1	3.1
Clallam	7	7.8	17	18.9	11	12.3	18	20.1
Port Angeles	3	9.6	10	31.5	8	25.5	11	35.0
Clark	16	4.8	35	10.4	23	6.9	41	12.2
Vancouver	11	9.8	18	15.9	9	8.0	13	11.6
Columbia	1	13.2	1	13.0	-	.0	2	26.3
Cowlitz	13	9.5	20	14.5	10	7.3	13	9.5
Kelso	4	17.5	5	21.5	1	4.4	2	8.7
Longview	5	8.8	9	15.7	7	12.3	7	12.3
Douglas	1	2.6	3	7.9	4	10.5	7	18.4
Ferry	-	.0	1	9.5	1	9.5	1	9.5
Franklin	8	8.5	13	13.7	5	5.3	9	9.5
Pasco	6	10.5	9	15.6	3	5.3	6	10.5
Garfield	-	.0	-	.0	-	.0	1	22.2
Grant	6	6.2	9	9.3	3	3.1	5	5.2
Moses Lake	3	14.1	5	23.1	2	9.4	4	18.8
Grays Harbor	13	11.1	17	14.4	8	6.8	10	8.5
Aberdeen	5	15.0	7	20.7	2	6.0	2	6.0
Island	4	5.1	8	10.2	4	5.1	8	10.3
Oak Harbor	2	7.2	4	14.4	2	7.2	2	7.2
Jefferson	-	.0	-	.0	-	.0	3	13.3
King	159	9.0	254	14.2	116	6.6	185	10.5
Auburn	4	6.8	7	11.8	3	5.1	4	6.8
Bellevue	5	6.0	7	8.4	2	2.4	3	3.6
Kent	7	12.2	8	13.8	2	3.5	5	8.7
Kirkland	3	5.9	6	11.7	5	9.8	6	11.8
Mercer Island	1	6.9	2	13.7	1	6.9	1	6.9
Redmond	2	5.0	5	12.3	4	9.9	8	19.8
Renton	8	12.8	10	15.8	4	6.4	7	11.2
Seattle	77	11.9	121	18.4	53	8.2	89	13.7
Kitsap	24	9.3	46	17.7	25	9.7	41	16.0
Bremerton	11	12.5	17	19.1	7	8.0	13	14.8
Kittitas	2	5.7	3	8.5	1	2.9	1	2.9
Klickitat	2	8.2	4	16.3	3	12.3	6	24.6
Lewis	8	8.3	15	15.4	12	12.4	16	16.5
Centralia	-	.0	1	4.5	3	13.6	4	18.1
Mason	4	8.0	6	11.9	3	6.0	6	12.0
Okanogan	4	6.6	11	18.0	8	13.2	11	18.1
Pacific	1	3.7	2	7.4	1	3.7	1	3.7
Pend Oreille	3	18.4	3	18.1	-	.0	-	.0
Pierce	83	9.1	144	15.6	75	8.2	123	13.5
Puyallup	2	6.5	4	13.0	2	6.5	4	13.1
Tacoma	27	8.9	53	17.3	30	9.9	47	15.5
San Juan	2	21.5	2	21.1	1	10.8	1	10.8
Skagit	8	7.4	11	10.1	3	2.8	4	3.7
Mt. Vernon	1	4.3	2	8.5	1	4.3	1	4.3
Skamania	3	20.5	3	20.1	-	.0	-	.0
Snohomish	30	5.3	59	10.3	41	7.2	66	11.6
Edmonds	4	9.5	5	11.8	3	7.1	7	16.6
Everett	5	4.3	14	11.9	12	10.3	21	18.0
Lynnwood	4	7.8	7	13.6	5	9.8	9	17.6
Mountlake Terrace	-	.0	-	.0	1	3.5	1	3.5
Spokane	44	7.9	80	14.3	37	6.7	72	13.0
Spokane (city)	19	6.6	42	14.6	23	8.0	45	15.7
Stevens	1	1.8	3	5.5	2	3.7	6	11.0
Thurston	11	4.9	18	8.0	12	5.4	28	12.5
Lacey	1	3.8	2	7.6	1	3.8	2	7.6
Olympia	5	7.6	7	10.5	5	7.6	11	16.7
Wahkiakum	2	46.5	2	44.4	-	.0	-	.0
Walla Walla	4	5.8	7	10.0	5	7.2	11	15.8
Walla Walla (city)	3	7.2	4	9.5	3	7.2	6	14.0
Whatcom	11	6.6	22	13.2	13	7.8	22	13.2
Bellingham	6	9.4	13	20.2	8	12.6	12	18.9
Whitman	2	4.3	4	8.6	2	4.3	4	8.7
Pullman	1	4.7	3	14.1	2	9.4	3	14.2
Yakima	29	8.7	58	17.3	32	9.6	51	15.4
Yakima (city)	8	8.7	16	17.2	8	8.7	15	16.3

TABLE 31

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1980

County and City	Fetal Deaths Number	Fetal Deaths Rate 1/	Perinatal Mortality 2/ Number	Perinatal Mortality 2/ Rate 3/	Neonatal Mortality Number	Neonatal Mortality Rate 1/	Infant Mortality Number	Infant Mortality Rate 1/
STATE TOTAL	542	8.0	942	13.8	486	7.2	808	12.0
Adams	2	7.1	2	7.1	-	.0	1	3.6
Asotin	1	6.7	1	6.6	-	.0	1	6.7
Benton	17	7.4	22	9.5	5	2.2	8	3.5
Kennewick	8	11.5	10	14.2	2	2.9	4	5.7
Richland	9	6.3	12	8.3	3	2.1	3	2.1
Chelan	7	5.7	9	7.3	3	2.5	5	4.1
Wenatchee	7	6.9	9	8.8	3	2.9	5	4.9
Clallam	6	6.8	10	11.2	4	4.5	8	9.0
Port Angeles	5	6.8	9	12.1	4	5.4	6	8.1
Clark	10	4.1	15	6.2	5	2.1	18	7.4
Vancouver	10	4.1	14	5.8	4	1.7	14	5.8
Columbia	1	22.2	1	21.7	-	.0	-	.0
Cowlitz	13	8.5	17	11.0	4	2.6	9	5.9
Kelso	2	285.7	2	222.2	-	.0	-	.0
Longview	11	7.2	15	9.8	4	2.6	8	5.3
Douglas	1	500.0	1	333.3	-	.0	2	1000.0
Ferry	-	.0	-	.0	-	.0	-	.0
Franklin	9	13.8	10	15.2	1	1.5	3	4.6
Pasco	8	12.3	9	13.7	1	1.5	3	4.6
Garfield	-	.0	-	.0	-	.0	1	21.7
Grant	5	6.5	8	10.3	3	3.9	5	6.5
Moses Lake	2	4.4	4	8.7	2	4.4	4	8.7
Grays Harbor	11	13.2	12	14.2	1	1.2	4	4.8
Aberdeen	11	14.8	11	14.6	-	.0	2	2.7
Island	3	4.5	4	6.0	1	1.5	4	6.0
Oak Harbor	3	7.9	4	10.4	1	2.6	3	7.9
Jefferson	-	.0	-	.0	-	.0	2	10.3
King	187	9.4	351	17.5	205	10.3	291	14.7
Auburn	7	10.4	7	10.3		.0	3	4.5
Bellevue	10	5.7	12	6.8	2	1.1	2	1.1
Kent	1	66.7	1	62.5		.0	1	66.7
Kirkland	3	3.5	6	7.0	4	4.7	5	5.9
Mercer Island	-	.0	-	.0	-	.0	-	.0
Redmond	8	4.7	10	5.9	2	1.2	4	2.4
Renton	11	5.2	15	7.0	4	1.9	9	4.2
Seattle	143	11.6	293	23.4	189	15.3	259	20.9
Kitsap	20	8.8	31	13.6	12	5.3	24	10.6
Bremerton	20	9.0	30	13.4	10	4.5	17	7.7
Kittitas	2	6.3	3	9.4	1	3.2	1	3.2
Ellensburg	2	6.4	3	9.5	1	3.2	1	3.2
Klickitat	4	14.2	4	14.0	-	.0	3	10.6
Lewis	8	8.6	13	13.8	6	6.4	10	10.7
Centralia	4	8.1	7	14.0	3	6.1	5	10.1
Lincoln	-	.0	-	.0	-	.0	-	.0
Mason	2	6.6	2	6.5	-	.0	1	3.3
Okanogan	3	5.1	4	6.7	1	1.7	3	5.1
Pacific	-	.0	1	7.1	2	14.2	2	14.2
Pend Oreille	4	29.9	4	29.0	-	.0	-	.0
Pierce	89	9.5	158	16.7	95	10.2	148	15.8
Puyallup	12	10.3	15	12.7	4	3.4	6	5.1
Tacoma	76	9.4	142	17.4	88	10.9	136	16.8
San Juan	-	.0	-	.0	-	.0	1	111.1
Skagit	6	4.4	6	4.3	-	.0	1	.7
Mount Vernon	4	4.1	4	4.0	-	.0	1	1.0
Skamania	-	.0	-	.0	-	.0	-	.0
Snohomish	71	5.0	75	5.9	8	1.9	76	6.2
Edmonds	9	5.5	10	6.1	1	.6	4	2.5
Everett	10	4.9	13	6.4	6	3.0	13	6.4
Lynnwood	-	.0	-	.0	-	.0	2	37.7
Mountlake Terrace	-	.0	-	.0	-	.0	-	.0
Spokane	53	8.3	123	19.2	78	12.2	125	19.6
Spokane (city)	52	8.7	120	19.9	76	12.7	121	20.2
Stevens	-	.0	1	7.6	1	7.6	4	30.4
Thurston	9	3.8	14	5.9	6	2.5	17	7.1
Lacey	-	.0	-	.0	-	.0	-	.0
Olympia	9	3.8	14	5.9	6	2.5	13	5.5
Wahkiakum	-	.0	-	.0	-	.0	-	.0
Walla Walla	3	3.0	6	6.0	5	5.0	13	13.0
Walla Walla (city)	3	3.0	5	5.0	4	4.0	11	11.0
Whatcom	12	7.9	19	11.1	5	3.3	13	8.5
Bellingham	12	7.9	16	10.5	4	2.6	11	7.3
Whitman	3	5.2	3	5.2	-	.0	2	3.5
Pullman	3	6.3	3	6.3	-	.0	1	2.1
Yakima	30	8.8	64	18.7	34	10.0	52	15.3
Yakima (city)	24	10.2	51	21.4	27	11.4	40	16.9

TABLE 32

RESIDENCE FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE 1980

Gram Weight	Total	Male	Female	Sex Unknown
TOTAL	533	271	257	5
1,000 grams or less	158	85	71	2
1,001 - 1,500	44	26	18	0
1,501 - 2,000	42	20	21	1
2,001 - 2,500	47	20	27	0
2,501 - 3,000	49	24	25	0
3,001 - 3,500	47	22	25	0
3,501 - 4,000	22	12	10	0
4,001 - 4,500	8	3	5	0
4,501 and Over	12	7	5	0
Not Stated	104	52	50	2

TABLE 33

FETAL MORTALITY BY CAUSE, WASHINGTON STATE, 1980

Cause with International List Number	Number
TOTAL ALL CAUSES	533
Congenital Anomalies	42
Anencephalus (740)	14
Spina Bifida (741)	1
Hydrocephalus and Encephalomyelocele (742)	3
Anomalies of the Heart (746)	1
Anomalies of Respiratory System (748)	0
Anomalies of Digestive System (750-751)	1
Anomalies of Musculoskeletal System (755-756)	1
Chromosomal Anomalies (758)	1
Other and Unspecified Congenital Anomalies (747,749,752-754,759)	20
Certain Causes of Perinatal Morbidity and Mortality (760-779)	481
Maternal Conditions Which May be Unrelated to Pregnancy (760)	31
Chronic Hypertension (7600)	19
Maternal Infections (7602)	1
Maternal Injury (7605)	6
Other Maternal Conditions (7603-7604, 7606-7609)	4
Maternal Conditions Related to Pregnancy (761)	44
Incompetent cervix (7610)	5
Premature rupture of membranes (7611)	15
Other Maternal Conditions (7612-7619)	24
Complications of Placenta, Cord, and Membranes (762)	194
Complications of Placenta (7620)-7623)	115
Complications of Cord (7624-7626)	65
Complications of Membranes (7627-7629)	14
Difficulties of Labor (763)	4
Intrauterine Hypoxia (768)	19
Other Complications of Pregnancy and Childbirth (764-765)	28
Disease of the Fetus and Ill-defined Causes (770-779)	161
Respiratory Conditions (770)	5
Infections Specific to the Perinatal Period (771)	2
Fetal Hemorrhage (772)	3
Haemolytic Disease (773)	2
Infant of Diabetic Mother (7750)	8
Other Conditions of Fetus (776-779)	141
All Other Causes (001-739,780-799)	10

TABLE 3A

INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total	White	Black	Mexican/ Chicano	Indian	Japanese	Chinese	Filipino	Other Asian
STATE TOTAL	798	681	44	17	31	1	2	6	16
Adams	3	3							
Asotin	2	2							
Benton	17	16		1					
Kennewick	8	8							
Richland	2	2							
Chelan	3	1		1					
Wenatchee	6	6							
Clallam	5	4		1	1				
Port Angeles	11	11							
Clark	41	40							1
Vancouver	13	12							
Columbia	2	2							
Cowlitz	2	2							
Kelso	2	2							
Longview	7	7							
Douglas	7	7							
Ferry	1	1							
Franklin	9	7	2						
Pasco	6	4	2						
Garfield	1	1							
Grant	5	5							
Moses Lake	4	4							
Grays Harbor	10	8		2					
Aberdeen	2	2							
Island	8	8							
Oak Harbor	2	2							
Jefferson	3	3							
King	185	150	18		5	1	2	3	6
Auburn	4	4							
Bellevue	3	2						1	
Kent	5	5							
Kirkland	6	6							
Mercer Island	1	1							
Redmond	8	7					1		
Renton	7	7							
Seattle	89	58	17		4	1	1	2	6
Kitsap	41	38	2						1
Bremerton	13	11	2						
Kittitas	1	1							
Klickitat	6	5			1				
Lewis	16	16							
Centralia	4	4							
Mason	6	3		1	2				
Okanogan	11	8			3				
Pacific	1	1							
Pend Oreille	0								
Pierce	105	91	8	4				2	
Puyallup	5	5							
Tacoma	40	29	5	4				2	
San Juan	1	1							
Skagit	8	8							
Mount Vernon	1	1							
Skamania	2	2							
Snohomish	52	51		1					
Edmonds	1	1							
Everett	18	17		1					
Lynnwood	3	3							
Mountlake Terrace	1	1							
Spokane	70	69	1						
Spokane (city)	38	37	1						
Stevens	10	10							
Thurston	23	23							
Lacey	2	2							
Olympia	9	9							
Wahkiakum	0								
Walla Walla	4	4							
Walla Walla (city)	3	3							
Whatcom	10	6		2					
Bellingham	7	7							
Whitman	5	4	1						
Pullman	4	3	1						
Yakima	51	44	1	6					
Yakima (city)	15	15							

TABLE 35

INFANT MORTALITY BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	All Ages	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unknown
STATE TOTAL	861	3	127	280	216	100	22	10	0	103
Adams	2		1	1						
Benton	15		3	3	2	4	1	2		
Kennewick	5		1	2	1	1				
Richland	2		1			1				
Chelan	2		2							
Wenatchee	2		2							
Clallam	16		3	6	6	1				
Port Angeles	11		1	5	4	1				
Clark	35		8	12	11	3	1			
Vancouver	10		5	1	3		1			
Columbia	2		1	1						
Cowlitz	12		4	2	4	2				
Kelso	2				2					
Longview	6		4	1	1					
Douglas	5		1	3		1				
Ferry	1									
Franklin	11		3	5	2	1				
Pasco	7		3	3		1				
Garfield	1					1				
Grant	5		1	2	1		1			
Moses Lake	3		1	2						
Grays Harbor	10		3	3	3	1				
Aberdeen	3		1	1	1					
Island	7			2	4	1				
Oak Harbor	4			2						
Jefferson	3		2	1						
King	164	2	17	55	44	39	5	1		
Auburn	5		1	3	1					
Bellevue	1					1				
Kent	4			1	1					
Kirkland	5			1	2	1	1			
Mercer Island	1					1				
Redmond	7			2	4	1				
Renton	2					1				
Seattle	74	2	9	16	24	19	3	1		
Kitsap	40		7	11	14	5	2	1		
Bremerton	11		2	3	6					
Kittitas	1							1		
Klickitat	6		2	1	2	1				
Lewis	17		6	4	4	1	1	1		
Centralia	4		1	2	1					
Mason	6		1	3	1	1				
Okanogan	12		1	5	4	1	1			
Pacific	2		1		1					
Pierce	119		17	51	39	8	2	2		
Puyallup	4		1	2			1			
Tacoma	46		9	22	8	4	1	2		
San Juan	1									1
Skagit	6			3	1	1	1			
Mount Vernon	1			1						
Snohomish	55		9	21	19	5	1			
Edmonds	3			1	1	1				
Everett	14		3	6	4	1				
Lynnwood	5		2	1	1		1			
Mountlake Terrace	2			1	1					
Spokane	71	1	16	25	21	6	2			
Spokane (city)	48	1	13	16	17	1				
Stevens	3			2	1					
Thurston	25		4	13	6	1	1			
Lacey	2			2						
Olympia	3		1	2						
Walla Walla	10		1	5	2	2				
Walla Walla (city)	7		1	5		1				
Whatcom	21		4	5	4	3				
Bellingham	10		2	2	5	1				
Whitman	2					2				
Pullman	2					2				
Yakima	45		8	21	6	7	1	2		
Yakima (city)	9		2	2	1	3		1		

TABLE 36

INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE 1980

Cause and International List Number	Total[1]			Under 1 Day			1 Day Under 7 Days			7 Days Under 28 Days			28 Days Under 3 Mo.			3 Mo. Under 6 Mo			6 Mo. Under 9 Mo.			9 Mo. Under 12 Mo.		
	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
TOTAL ALL CAUSES	447	349	2	123	94	2	96	75		54	34		81	67		60	46		22	22		11	11	
All infective and parasitic diseases (000-139)	5	3			1		1	1		1			1			1	1					1		
Malignant neoplasms (140-208)	3	2														1	2					2		
Meningitis (320,322)	3	2					1							1		1			1					1
Pneumonia (480-486)	3	3									1		2			1	2							
Other diseases of respiratory system (510-519)	2	2								1				1		1	1							
Hernia and intestinal obstruction (550-553, 560)	1	2					1							1			1							
Congenital malformations (740-759)	81	74	1	19	21	1	21	18		12	10		16	14		9	5		3	4		1	2	
Anencephalus (740)	2	9		2	6			2			1													
Spina bifida and meningocele (741)	2	2			1		1				1								1					
Other central nervous system malformations (742)	10	5		3	1		1	3		1			2	1		2						1		
Anomalies of the heart (745-746)	33	22		3			9	8		5	3		9	7		7	2			1			1	
Other anomalies of circulatory system (747)		7			1			1			2			1			1						1	
Anomalies of the respiratory system (748)	12	7		2	3		5	2		1	1		4	1										
Anomalies of the digestive system (751)	1	2								1				1										
Anomalies of the genito-urinary system (752-753)	4	1		2						1	1								1					
Other congenital malformations (749-750,756-759)	17	19	1	7	9	1	5	2		3	1		1	3			2		1	2				
Certain diseases of early infancy (760-779)	220	148	1	104	71	1	71	50		32	15		7	8		5	4		1					
Maternal diseases affecting child (760)	1			1																				
Complications of pregnancy affecting child (761-762)	12	17	1	11	12	1	1	4			1													
Birth injuries (763,767-769)	82	51		19	15		43	27		16	9		1			3								
Other diseases peculiar to early infancy (765, 770-779)	125	80		73	44		27	19		16	5		6	8		2	4		1					
Sudden infant death syndrome (7980)	105	72						4		4	5		50	33		36	21		11	8		4	1	
All other diseases (residual)	11	26			1		1	2		4	2		2	4		3	8		1	4			5	
All accidents (E800-E949)	13	13											3	5		2			5	6		3	2	
Motor vehicle accidents (E810-E825,E9290)	7	6											2	3		2			1	2		2	1	
Inhalation of food or other object causing obstruction or suffocation (E911,E912)	2	3											1	2					1	1				
Mechanical suffocation in bed or cradle and in other and unspecified circumstances (E913)		1																		1				
All other accidents (residual)	4	3																	3	2		1	1	
Homicide (E963-E968)		2									1						1							
Injury undetermined whether accidentally or purposely inflicted (E988)																								

TABLE 37

INFANT MORTALITY BY LEADING CAUSES, BY PLACE OF RESIDENCE, WASHINGTON STATE 1980

County and City	Total All Causes	Birth Injuries	Other Causes of Mortality in Early Infancy	Congenital Malformations	Influenza and Pneumonia	All Accidents	Sudden Infant Death	All Other Causes
STATE TOTAL	798	133	236	156	6	26	177	64
Adams	3		1				1	1
Asotin	2		1	1				
Benton	17	5	5	4			1	2
Kennewick	6	3	2	2				1
Richland	2	1						1
Chelan	3		1	1		1		
Wenatchee	1			1				
Clallam	18	3	6	1		1	5	2
Port Angeles	11	3	4				2	2
Clark	41	9	4	11	1	3	8	5
Vancouver	13	2	2	5		1	1	2
Columbia	2			2				
Cowlitz	13	4	6	2			1	
Kelso	2		1	1				
Longview	7	4	2	1				
Douglas	7		2				4	1
Ferry	1			1				
Franklin	9	1	4	3		1		
Pasco	6	1	2	3				
Garfield	1					1		
Grant	5	1	1				2	1
Moses Lake	4	1					2	1
Grays Harbor	10	2	3	2	1	1	1	
Aberdeen	2		2					
Island	8		5	1			1	1
Oak Harbor	2		2					
Jefferson	3						2	1
King	185	35	50	38		2	45	15
Auburn	4	1	1	1		1		
Bellevue	3		3					
Kent	5		3				2	1
Kirkland	6	1					1	1
Mercer Island	1		1					
Redmond	8	1		3			2	2
Renton	7	2	1	3			1	
Seattle	89	17	23	17		1	28	3
Kitsap	41	11	11	6	1	1	9	2
Bremerton	13	4	5	1		1	2	
Kittitas	1		1					
Klickitat	6	1		3			2	
Lewis	16	2	5	5			4	
Centralia	4	1	1	1			1	
Mason	6	1	2				3	
Okanogan	11	4	4	1			1	1
Pacific	1			1				
Pend Oreille	0							
Pierce	123	14	45	26	2	3	25	8
Puyallup	4		2	1	1			
Tacoma	47	5	20	9	1	2	7	3
San Juan	1	1						
Skagit	4		1	2				1
Mount Vernon	1			1				
Skamania	0							
Snohomish	66	16	17	11		2	17	3
Edmonds	7		4	2			1	
Everett	21	7	2	3		2	6	1
Lynnwood	9	1	4	1			3	
Mountlake Terrace	1	1						
Spokane	72	10	18	13		3	22	6
Spokane (city)	45	8	9	10		1	12	5
Stevens	6			2			4	
Thurston	28	4	10	4		1	6	3
Lacey	2	1						1
Olympia	11	1	4	1		1	2	2
Wahkiakum	0							
Walla Walla	11	1	3	1		2		4
Walla Walla (city)	6		2	1		1		2
Whatcom	22	2	8	4		1	2	4
Bellingham	12	1	6	2			1	2
Whitman	4		2		1		1	
Pullman	3		2		1			
Yakima	51	6	20	10		3	9	3
Yakima (city)	15	2	5	2			6	

MARRIAGES AND DISSOLUTIONS

TABLE 38

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1980

County	Bride Groom	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
STATE TOTAL	Bride	47,728	11	8,964	16,540	9,361	5,162	2,749	1,575	982	688	436	363	289	199	82	24	9	294
	Groom	47,728	3	3,267	15,872	11,158	6,508	3,606	2,289	1,499	1,040	776	525	401	266	140	49	33	296
Adams	Bride	131		39	43	18	11	9	1		1	4	2	2					1
	Groom	131		22	43	19	17	9	6	5	2	3	2	2					1
Asotin	Bride	195		59	81	26	6	7	2	5	2	2		3	2				
	Groom	195		24	75	50	17	7	7	2	3	1	4	3	2				
Benton	Bride	1,272		301	454	217	126	70	36	16	12	10	5	5	3	4	2	1	10
	Groom	1,272		114	442	294	166	91	61	31	23	12	10	9	5	4		2	8
Chelan	Bride	619		138	238	100	57	28	16	10	7	8	6	5	3	2			1
	Groom	619	1	46	220	149	79	29	40	12	13	11	1	7	4	2	2	2	1
Clallam	Bride	602		151	188	119	54	27	23	12	9	5	3	8		3			
	Groom	602		40	222	146	79	32	25	12	18	3	7	5	7	3	1	2	
Clark	Bride	4,747		819	1,353	921	604	374	228	142	112	70	42	33	24	12	3	1	9
	Groom	4,747		291	1,275	1,012	708	461	302	199	166	117	73	58	33	14	8	4	26
Columbia	Bride	42		9	15	9	3	2	1		1		1	1					
	Groom	42		2	14	13	5	3	1			2		1	1				
Cowlitz	Bride	993	1	245	323	167	102	51	31	14	18	10	5	8	11	2	2		3
	Groom	993		76	354	209	125	82	42	31	17	14	12	13	7	2	1	3	5
Douglas	Bride	196		52	54	32	23	9	9	5	4	1		3	2	1			1
	Groom	196		21	65	41	23	9	10	10	4	5	1	2	2	2			1
Ferry	Bride	61		11	20	15	9	3	1		1				1				
	Groom	61		5	16	24	5	2	4	1	1		1				1		1

TABLE 38

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1980 (CONT)

County	Bride Groom	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
Franklin	Bride	270		64	99	44	17	19	5	6	5	2	2	2					5
	Groom	270		22	114	60	28	13	7	5	5	7	1	4	1				3
Garfield	Bride	31		8	11	5				2	1		1	2	1				
	Groom	31		2	16	3	3			1	1		1	1	1	2			
Grant	Bride	448		132	140	64	34	23	15	8	8	3	6	4	6	2			3
	Groom	448		55	157	73	62	29	16	8	15	9	6	5	7	3	1	1	1
Grays Harbor	Bride	771		184	240	136	85	33	28	19	10	9	8	2	3	1			13
	Groom	771		60	245	167	118	56	39	28	12	11	12	10	2	2			9
Island	Bride	534		122	185	105	54	25	16	8	6	5	2	3	2				1
	Groom	534		43	206	126	61	30	24	11	11	8	6	2	3	1	1		1
Jefferson	Bride	216		34	57	48	25	16	9	9	3	7		5	2	1			
	Groom	216		6	54	55	35	11	17	10	4	7	5	4	2	4			2
King	Bride	13,456	2	1,696	4,897	3,064	1,690	817	428	241	170	97	101	65	38	22	9	3	126
	Groom	13,466		577	4,094	3,577	2,064	1,112	653	425	288	230	131	83	63	33	7	7	122
Kitsap	Bride	1,661		335	590	313	175	82	48	41	21	13	10	7	5	1			20
	Groom	1,661		111	643	374	206	103	69	49	32	27	12	12	9	1		1	12
Kittitas	Bride	247	1	45	92	43	24	15	5	6	5	3	2	2				2	2
	Groom	247		12	88	66	28	18	6	9	5	5	4	4	1				1
Klickitat	Bride	224		67	58	38	14	14	8	4	1	2	9	4	4				1
	Groom	224	1	29	72	36	28	15	11	5	4	5	5	8	2	2		1	

TABLE 38

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1980 (CONT)

County	Bride Groom	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
Lewis	Bride	688	1	221	178	96	63	31	35	16	13	3	12	10	3	1			5
	Groom	688		86	240	103	76	51	37	26	20	12	13	12	2	6		1	3
Lincoln	Bride	88		15	32	16	10	5	2	2	1	1	1						3
	Groom	88		8	27	21	12	7	5	3	1	1			1	2			
Mason	Bride	368		100	93	64	37	27	11	9	9	8	3	3	1				3
	Groom	368	1	32	115	90	42	32	16	11	8	5	5	5		2			4
Okanogan	Bride	376		93	119	71	45	12	9	9	1	1	3	5	2	1			5
	Groom	376		30	131	95	41	35	7	14	7	2	2	4	4	1	1		2
Pacific	Bride	259	1	68	64	44	23	18	13	7	5	4	5	4	1	2			
	Groom	259		23	84	41	27	23	15	14	7	7	3	9	4	1			1
Pend Oreille	Bride	83		26	26	10	5	4	3	2	1	1			1		1		3
	Groom	83		12	27	12	11	7	4		1	4	1	1	1				2
Pierce	Bride	5,676	4	1,171	2,107	1,083	546	282	170	108	64	37	34	24	23	5			18
	Groom	5,676		477	2,168	1,266	735	379	205	150	94	67	45	34	23	9	7	3	14
San Juan	Bride	153		13	28	41	33	15	12	4	1	3	2		1				
	Groom	153		2	29	38	36	18	13	5	5	2	1	2	1		1		
Skagit	Bride	852		176	307	151	74	52	21	17	18	8	10	10	5	2			1
	Groom	852		69	302	179	102	56	45	30	14	18	18	5	7	6			1
Skamania	Bride	206		49	57	33	19	14	13	5	3	3	5	1	3	1			
	Groom	206		21	53	47	22	13	21	4	10	2	5	3	4				1

TABLE 38

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1980 (CONT)

County	Bride Groom	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
Snohomish	Bride	3,469		662	1,233	614	355	217	140	76	46	34	32	21	13	7	4	1	14
	Groom	3,469		229	1,131	788	464	267	203	118	76	54	46	27	16	10	9	2	29
Spokane	Bride	3,407		656	1,363	657	295	153	80	62	39	31	18	11	12	3			27
	Groom	3,407		256	1,298	787	415	224	135	95	64	40	32	17	15	5	1	2	21
Stevens	Bride	245		72	67	45	22	13	7	3	3	7	1	1	1				3
	Groom	245		43	74	56	25	9	6	11	10	2	3	3			1		2
Thurston	Bride	1,356		296	402	251	169	103	51	20	22	6	13	8	8	3			4
	Groom	1,356		96	441	304	164	111	79	50	29	24	13	10	13	6			16
Wahkiakum	Bride	42		10	15	6	6	1		2		2							
	Groom	42		6	15	6	8	3		2		1	1			1			
Walla Walla	Bride	568	1	98	210	105	52	33	13	13	17	5	7	6	1	1	2		4
	Groom	568		43	176	145	69	38	26	26	7	12	8	8	6	2	1		1
Whatcom	Bride	1,113		202	384	256	113	44	25	32	18	16	3	6	8	2			4
	Groom	1,113		81	363	254	170	79	47	32	29	19	13	8	8	4	3	1	2
Whitman	Bride	253		36	106	53	26	10	7	5	2		1	4	1	1			1
	Groom	253		11	101	79	18	13	3	7	7	3	2	4	2	1	1		1
Yakima	Bride	1,800		489	611	281	156	91	53	42	28	15	8	11	8	2	1	1	3
	Groom	1,800		184	682	353	214	129	82	47	27	25	20	16	7	9	2	1	2

TABLE 39

DISSOLUTIONS, ANNULMENTS, AND SEPARATE MAINTENANCE BY COUNTY OF DECREE, WASHINGTON STATE, 1980

County of Decree	Total	Dissolution	Annulment	Separate Maintenance	Not Stated
STATE TOTAL	28,648	28,342	266	6	34
Adams	56	56			
Asotin	142	142			
Benton	618	615	1		2
Chelan	422	419	3		
Clallam	355	354	1		
Clark	1,383	1,365	12		6
Columbia	33	33			
Cowlitz	685	680	5		
Douglas	40	39	1		
Ferry	17	13			4
Franklin	390	389			1
Garfield	13	13			
Grant	294	293	1		
Grays Harbor	472	468	1		3
Island	331	328	3		
Jefferson	118	118			
King	8,763	8,606	152		5
Kitsap	931	931			
Kittitas	151	151			
Klickitat	99	98	1		
Lewis	387	384	2	1	
Lincoln	73	72	1		
Mason	168	163	5		
Okanogan	155	155			
Pacific	128	127	1		
Pend Oreille	22	22			
Pierce	3,652	3,624	26	1	1
San Juan	46	46			
Skagit	462	460	2		
Skamania	61	61			
Snohomish	2,224	2,208	13	1	2
Spokane	2,689	2,659	19	2	9
Stevens	163	162	1		
Thurston	1,066	1,058	8		
Wahkiakum	23	23			
Walla Walla	327	323	4		
Whatcom	475	474			1
Whitman	104	104			
Yakima	1,110	1,106	3	1	

TABLE 40

DISSOLUTIONS BY TOTAL LIVING CHILDREN BY PLACE OF RESIDENCE, WASHINGTON STATE, 1980

County of Decree	Total	Number of Children 0	1	2	3	4	5	6	7	Eight or More	Not Stated
STATE TOTAL	28,342	10,085	5,331	4,787	1,954	727	259	110	45	38	5,006
Adams	56	27	5	12	7	3		1			1
Asotin	142	53	43	25	9	6	1				5
Benton	615	244	140	114	57	20	4	3	1	1	31
Chelan	419	149	102	98	33	11	4	2		1	19
Clallam	354	135	70	76	30	18	5				20
Clark	1,365	550	279	287	126	53	16	7	4	2	41
Columbia	33	8	9	4	9						3
Cowlitz	680	257	182	127	53	23	10	3	1	1	23
Douglas	39	17	8	7	1	2			1		3
Ferry	13	10	1	1	1						
Franklin	389	168	83	75	27	12	5	1	1	1	16
Garfield	13	4	4	2	1	1				1	
Grant	293	97	61	64	32	11	6		1	2	19
Grays Harbor	468	202	106	85	24	12	9	3	2	1	24
Island	328	118	88	66	34	11	2	3		1	5
Jefferson	118	37	33	29	9	2	1	2			5
King	8,606	2,738	1,183	1,005	369	135	54	22	8	10	3,082
Kitsap	931	328	198	210	72	28	7	2	3		83
Kittitas	151	66	27	27	22	3		2	1		3
Klickitat	98	40	23	15	12	2	1				5
Lewis	384	128	106	79	30	16	4	2	1	1	17
Lincoln	72	29	11	14	9	1	2	1			5
Mason	163	76	36	24	12	1	4		1		9
Okanogan	155	63	33	27	13	6	1		1		11
Pacific	127	51	31	25	10	5		1			4
Pend Oreille	22	8	3	6	1	2	1			1	
Pierce	3,624	1,392	913	733	273	113	37	19	4	5	135
San Juan	46	18	9	11	5	1		1			1
Skagit	460	186	93	101	42	16	4	3	2		13
Skamania	61	24	10	16	5	3	1		1		1
Snohomish	2,208	493	236	229	104	33	11	2	2	2	1,096
Spokane	2,659	1,078	553	546	244	68	32	15	2	2	119
Stevens	162	60	36	36	15	3	2	2	1	1	6
Thurston	1,058	423	200	210	91	29	12	6	1		86
Wahkiakum	23	7	7	5	2						2
Walla Walla	323	146	75	50	24	15	5	1	1		6
Whatcom	474	171	76	93	37	17	2		1		77
Whitman	104	49	15	24	8	3	1	1	1		2
Yakima	1,106	435	243	229	101	42	15	5	3	5	28

TABLE 41

DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1980

County	Wife-Husband	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
STATE TOTAL	Wife	28,342	7	561	4,798	5,809	4,422	2,933	1,709	1,021	651	375	210	111	57	14	6	1	5,657
	Husband	28,342	3	93	3,044	5,457	4,955	3,396	2,281	1,494	924	601	321	176	91	27	9	6	5,464
Adams	Wife	56		1	7	9	14	10	3	4	2	1	2	1					2
	Husband	56			6	13	8	7	4	5	4	7			1				1
Asotin	Wife	142		3	35	28	25	17	8	10	6	2	3	2					3
	Husband	142			20	41	25	12	13	9	10	5	3		3				1
Benton	Wife	615		11	104	139	93	73	56	31	16	7	3	3					79
	Husband	615		3	60	120	121	85	58	42	26	19	5	3	1	1			71
Chelan	Wife	419		17	94	92	73	40	36	19	6	6	7	4	3				22
	Husband	419		2	69	102	69	58	42	30	10	9	9	5	2	1			11
Clallam	Wife	354		6	84	81	56	41	33	12	15	4	4	2	2				14
	Husband	354			54	69	66	50	34	19	21	11	9	3	1				17
Clark	Wife	1,365		21	268	326	272	195	107	45	45	20	11	5	3	1	1	1	44
	Husband	1,365		3	164	297	281	247	137	82	46	29	20	9	6	2	1	1	40
Columbia	Wife	33		1	4	7	5	7	4	1	1	1		1					1
	Husband	33			3	10	3	2	2	4	3	3	1		1				1
Cowlitz	Wife	680	1	19	160	150	111	92	44	16	18	11	5	5	5				43
	Husband	680	1	1	99	167	117	108	65	46	15	17	6	5	2	4		1	26
Douglas	Wife	39		4	6	6	6	4	3	1	1								8
	Husband	39		2	3	4	10	5	4	2	1	1							7
Ferry	Wife	13				1													12
	Husband	13					1												12
Franklin	Wife	389		14	95	90	63	44	24	14	17	5	2	4	1				16
	Husband	389		1	56	100	74	43	33	24	21	9	9	4					15
Garfield	Wife	13			2	5	4		1				1						
	Husband	13			1	5	2	1	2				1	1					
Grant	Wife	293		14	53	61	48	46	21	15	6	7	4	1	1				16
	Husband	293		3	35	47	51	50	27	20	15	11	9	3	2	1			19
Grays Harbor	Wife	468		15	110	95	81	48	28	20	6	7	3	2	1				52
	Husband	468		2	62	104	87	54	36	36	21	9	5	5	1				46
Island	Wife	328		10	66	72	51	39	23	14	8	8	2	1					34
	Husband	328		3	45	70	57	52	28	15	5	11	5	2	1				34

TABLE 41

DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1980

County	Wife-Husband	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
Jefferson	Wife	118		1	16	29	21	14	11	7	4	3	1	2					9
	Husband	118			8	29	18	23	11	8	8	1	3	4					5
Kings	Wife	8,606	1	103	1,001	1,519	1,144	720	411	261	135	90	47	25	12	3	2		3,132
	Husband	8,606	2	14	582	1,355	1,291	842	570	357	211	149	75	40	23	5	2		3,088
Kitsap	Wife	931		22	201	227	157	111	41	41	19	14	5	1	1		1		90
	Husband	931		4	121	224	184	138	84	46	23	14	7	3	2	1			80
Kittitas	Wife	151		2	15	40	35	18	9	4	5	3	2	1					17
	Husband	151		1	9	23	40	19	16	11	6	5	3	1					17
Klickitat	Wife	98		4	22	22	19	8	4	6	3	2	1						7
	Husband	98			14	20	25	5	18	4	3	4	2		1				2
Lewis	Wife	384		14	69	74	47	31	21	9	11	4	5	2		2			95
	Husband	384		2	39	63	71	32	41	19	10	10	2	3	3		1		88
Lincoln	Wife	72		1	6	5	19	10	10	3		4	2	1	1				10
	Husband	72			2	9	13	13	6	10	4	2	3	3					7
Mason	Wife	163	1	6	27	41	33	20	8	8	5	2	3		1				8
	Husband	163		1	23	34	30	27	7	10	7	5	3	3	1	1			11
Okanogan	Wife	155		7	30	41	29	16	9	6	2	1		1		1			12
	Husband	155		5	23	37	28	13	13	11	4	4	1		1	1			14
Pacific	Wife	127		6	35	18	21	9	13	6	4	3	2		2				8
	Husband	127			14	31	21	13	13	6	9	8	1	1	1				9
Pend Oreille	Wife	22			5	3	5	4	1		2	2							
	Husband	22			3	5	1	3	4		4	1	1						
Pierce	Wife	3,624	1	75	836	864	646	378	231	150	99	53	21	14	8	3			245
	Husband	3,624		17	545	850	729	454	316	200	134	84	46	21	8	2		3	215
San Juan	Wife	46		1	4	7	6	13	7	3	1	1		1					2
	Husband	46			3	5	10	11	7	6	1	1		1					1
Skagit	Wife	460		3	74	111	86	66	42	17	10	15	2	5					29
	Husband	460			42	92	98	64	57	29	15	16	10	3	3			1	30
Skamania	Wife	61			16	16	9	5	7	2	1	1		1		1			2
	Husband	61			6	15	15	2	9	5	3			1		1	1		3
Snohomish	Wife	2,208		29	242	289	200	150	83	50	29	14	14	5	3	1			1,099
	Husband	2,208		4	157	266	254	177	95	76	38	21	14	10	6				1,090
Spokane	Wife	2,659		66	523	641	465	328	202	107	80	39	28	11	3	1			165
	Husband	2,659		9	371	588	533	363	242	173	109	61	32	13	12	5	1		147
Stevens	Wife	162		5	24	28	26	21	15	5	5	2	3						28
	Husband	162			15	26	32	20	15	11	9	2	3						29
Thurston	Wife	1,058		28	176	244	213	123	62	44	26	11	7	4	3		1		116
	Husband	1,058		2	118	242	187	157	105	53	42	20	10	5	2	1	2		112

TABLE 41
DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1980

County	Wife-Husband	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	Other & Unk
Wahkiakum	Wife	23	1		6	4	2	2	2	1	2		1	1					1
	Husband	23			1	11	3	3		1	2	1	1						
Walla Walla	Wife	323		8	56	69	69	32	25	15	10	8	3	2					26
	Husband	323		1	47	64	62	43	32	19	18	10	3	4	1				19
Whatcom	Wife	474		7	71	103	72	43	25	12	5	4	2						130
	Husband	474		2	48	86	99	41	36	16	12	5	4		1				124
Whitman	Wife	104		4	16	31	16	16	9	4	1	2	2	1					2
	Husband	104			15	19	25	21	3	7	6	5	2	1					
Yakima	Wife	1,106	2	33	239	221	180	139	70	58	45	18	12	2	7	1	1		78
	Husband	1,106		11	161	214	214	138	96	82	48	31	13	19	5	1	1		72

APPENDIX

APPENDIX A

BACKGROUND

RELIABILITY OF THE DATA

In analyzing any data, the possibility of errors in the data must not be overlooked. There are several types of possible errors, including under-registration, errors made by the informant, and errors in compilation and processing. The most potentially dangerous error, however, is probably that of improper interpretation.

Statistics are neither more true nor false than the interpretation given to them. It should be emphasized that most of the rates computed in this report are crude rates. For comparing geographic areas, crude rates are limited. They do not reflect differences in age, sex, race, and other population characteristics. In addition, it is important to recognize the possible distortion in these rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Special caution should also be exercised in analysing trend data, because of changes throughout the years in medical diagnosis, coding definitions, and registration coverage.

POPULATION

Population data in this report are an estimate of population, April 1, 1980, provided by the Office of Fiscal Management.

RATES

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Death rates from all causes and livebirths are expressed in terms of 1,000 estimated population; deaths from a specific cause are based on 100,000 estimated population (excluding maternal and infant causes); maternal deaths are calculated per 10,000 livebirths; infant, neonatal and fetal deaths are calculated per 1,000 livebirths.

CAUSE OF DEATH CLASSIFICATION

The cause of death presented herein are classified in accordance with the Ninth Revision of the International Classification of Diseases, which the State of Washington began using January 1, 1979.

RATES AND WHOLE NUMBERS

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0.

When whole numbers are used, a blank or dash (-) indicates none or zero.

APPENDIX B
DEFINITIONS

GENERAL TERMS

BIRTH WEIGHT - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).

FETAL DEATH - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

GESTATIONAL PERIOD - Number of weeks elapsed between the first day of the last menstrual period and date of delivery.

INFANT DEATH - Death of an infant under one year of age.

LIVE BIRTH - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

LIVE BIRTH ORDER - Order number is equal to number of previous live births plus current birth.

MATERNAL DEATH - Death attributable to complications of pregnancy, childbirth, or the puerperium.

NEONATAL DEATH - Death of an infant within the first 27 days of life.

OCCURRENCE DATA - Data allocated by place where event occurred, regardless of the person's place of residence.

PERINATAL DEATH - Includes stillbirths and deaths to infants within the first six days of life.

PREMATURE BIRTH - A live birth weighing 2,500 grams (5-1/2 pounds) or less. If birth weight is not stated, length of gestation (under 37 weeks) is used.

RESIDENCE DATA - Data allocated by place of residence of the decedent (deaths), or by place of residence of the child's mother (births, stillbirths).

RATES

AGE-SPECIFIC DEATH RATE - Number of deaths in a specific age group per 100,000 population in that age group.

CAUSE-SPECIFIC DEATH RATE - Number of deaths from a specific cause per 100,000 population.

(CRUDE) BIRTH RATE - Number of live births per 1,000 population.

(CRUDE) DEATH RATE - Number of deaths per 1,000 population.

FERTILITY RATE - Number of live births per 1,000 women 15-44 years of age.

FETAL DEATH RATE - Number of stillbirths per 1,000 live births.

INFANT DEATH RATE - Number of infant deaths per 1,000 live births.

MATERNAL DEATH RATE - Number of maternal deaths per 10,000 live births.

NEONATAL DEATH RATE - Number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE - Number of perinatal deaths per 1,000 live births, plus fetal deaths.

APPENDIX C

CONVERSION OF BIRTHWEIGHT GROUPS IN GRAMS
TO POUNDS AND OUNCES

GRAMWEIGHT	POUNDS AND OUNCES
1,000 grams and under	2 lbs. 3 oz. and less
1,001 - 1,500	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,501 - 2,000	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,001 - 2,500	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,501 - 3,000	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,001 - 3,500	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,501 - 4,000	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,001 - 4,500	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,501 grams and over	9 lbs. 15 oz. and over

One pound = 453.59 grams

APPENDIX D

POPULATION OF THE STATE OF WASHINGTON
BY AGE GROUP, BY SEX, APRIL 1, 1980

AGE GROUP	TOTAL	MALE	FEMALE
TOTAL	4,130,163	2,055,863	2,074,300
Under 1 Yr.	64,978	33,207	31,771
1 - 4	237,485	121,218	116,267
5 - 14	624,867	318,645	306,222
15 - 24	789,290	409,213	380,077
25 - 34	741,619	374,843	366,776
35 - 44	484,821	244,457	240,364
45 - 54	391,706	194,708	196,998
55 - 64	376,506	181,727	194,779
65 - 74	256,759	117,404	139,355
75 - 84	123,452	47,923	75,529
85 and over	38,680	12,518	26,162

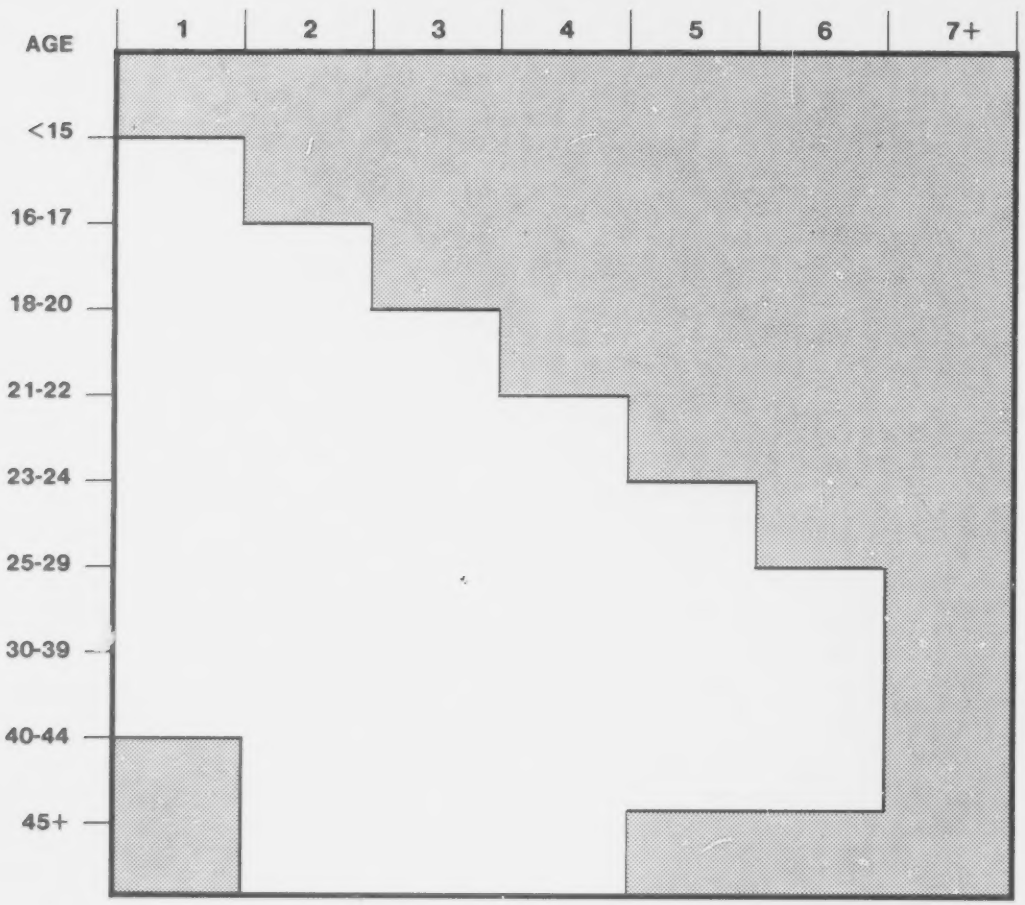
APPENDIX E

POPULATION, STATE OF WASHINGTON, COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1980

Adams		13,267
Asotin		16,823
Benton		109,444
Kennewick	34,397	
Richland	33,578	
Chelan		45,061
Wenatchee	17,257	
Clallam		51,648
Port Angeles	17,311	
Clark		192,227
Vancouver	42,834	
Columbia		4,057
Cowlitz		79,548
Kelso	11,129	
Longview	31,052	
Douglas		22,144
Ferry		5,811
Franklin		35,025
Pasco	17,944	
Garfield		2,468
Grant		48,522
Moses Lake	10,629	
Grays Harbor		66,314
Aberdeen	18,739	
Island		44,048
Oak Harbor	12,271	
Jefferson		15,965
King		1,269,749
Auburn	26,404	
Bellevue	73,903	
Kent	23,152	
Kirkland	18,779	
Mercer Island	21,522	
Redmond	23,318	
Renton	30,612	
Seattle	493,846	
Kitsap		146,609
Bremerton	36,208	
Kittitas		24,877
Ellensburg	11,755	
Klickitat		15,822
Lewis		55,279
Centralia	10,809	
Lincoln		9,604
Mason		31,184
Okanogan		30,639
Pacific		17,237
Pend Oreille		8,580
Pierce		485,643
Puyallup	18,251	
Tacoma	158,501	
San Juan		7,838
Skagit		64,138
Mt. Vernon	13,009	
Skamania		7,919
Snohomish		337,016
Edmonds	28,711	
Everett	54,413	
Lynnwood	22,571	
Mountlake Terrace	16,534	
Spokane		341,835
Spokane (city)	171,300	
Stevens		28,979
Thurston		124,264
Lacey	13,940	
Olympia	27,447	
Wahkiakum		3,832
Walla Walla		47,435
Walla Walla (city)	25,619	
Whatcom		106,701
Bellingham	45,794	
Whitman		40,103
Pullman	23,579	
Yakima		172,508
Yakima (city)	49,826	
STATE TOTAL		4,130,163

APPENDIX F

BIRTH ORDER*



***BIRTH ORDER = TOTAL NUMBER OF LIVEBIRTHS**

SHADED AREAS ARE HIGH-RISK.

For most age groups this classification is based on an optimal spacing of at least 1½ years between pregnancies.

QUESTIONNAIRE

Please help us to improve the Vital Statistics Annual Summary by completing this questionnaire.

1. Do you wish to continue receiving the Vital Statistics Annual Summaries?

   ☐ Yes ☐ No

   If yes, please note any address changes below:

   _____

   _____

2. How often do you or will you use these summaries?

   ☐ Once ☐ A Few Times ☐ Repeatedly

3. Would a 1-2 page yearly summary meet your statistical needs?

   ☐ Yes ☐ No

4. What vital event data do you utilize? (Check all that apply.)

   ☐ Birth ☐ Marriage

   ☐ Death ☐ Divorce

   ☐ Other (specify)

   _____

5. Which statistical tables do you find useful to your work? List table numbers in order of importance.

   _____ _____

   _____ _____

   _____ _____

   _____ _____

   _____ _____

6. Do you think the data analysis section should be continued?

   ☐ Yes ☐ No ☐ Indifferent

7. Do you think the data analysis section should be modified?

   ☐ No ☐ Yes, More Graphics

   ☐ Other (specify) ☐ Yes, More Narrative

   _____

8. Additional comments/analyses you would like to see included:

Center for Health Statistics
Health Data Section LL-15
Dept. of Social and Health Services
Olympia, Wa. 98504